**Gardens Point campus**
2 George Street, Brisbane
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 1510

Price $20.00
Information compiled in September 1998
Produced by QUT Publications
© Queensland University of Technology, 1998
Compiled by Tamara Tesolin
ISSN 1034-3989
Printed by Prestige Litho Pty Ltd
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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 28 000 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 its 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 it interacts, and relevant to the enhancement of economic, cultural and social conditions.

☐ Service
To contribute to the development of Australias 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.

COUNCIL
The Council is the University’s governing body, with responsibility for managing the University in accordance with the Queensland University of Technology Act 1998. The Council consists of 22 members, of whom eight are nominees of the Minister for Education, one is a nominee of the Director-General of Education, two are nominees of the Council, two are elected non-academic staff members, three are elected academic staff members, two are elected student members and two are elected Convocation members. The Chancellor and Vice-Chancellor are members ex officio. The Chancellor is Chairperson of the Council and the Registrar is Secretary.

CONVOCATION
Convocation is a forum of QUT graduates, academic staff, past and present Council members and other qualified members.

Convocation represents the interests of QUT graduates through its representation on Council and its influence on University decision making, including teaching and applied research areas.

Convocation is served by a Standing Committee, chaired by the Warden of Convocation. The full Convocation meets annually and its functions are performed through the year by the Standing Committee.

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.
Note: 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, and three divisions.

The Faculties are:

☐ Arts
☐ Built Environment and Engineering
☐ Business
☐ Education
☐ Health
☐ Information Technology
☐ Law
☐ Science

The divisions are:

☐ Administrative Services
☐ Information and Academic Services
☐ Research and Advancement.
PRINCIPAL DATES

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 and Student Administration.

PUBLIC HOLIDAYS

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>02 April</td>
<td>Good Friday</td>
</tr>
<tr>
<td>03 April</td>
<td>Easter Saturday</td>
</tr>
<tr>
<td>05 April</td>
<td>Easter Monday</td>
</tr>
<tr>
<td>26 April</td>
<td>Anzac Day</td>
</tr>
<tr>
<td>03 May</td>
<td>Labour Day</td>
</tr>
<tr>
<td>14 June</td>
<td>Queen’s Birthday</td>
</tr>
<tr>
<td>11 August</td>
<td>Exhibition Day</td>
</tr>
<tr>
<td>27 December</td>
<td>in lieu of Boxing Day</td>
</tr>
<tr>
<td>28 December</td>
<td>in lieu of Christmas Day</td>
</tr>
</tbody>
</table>

SECOND SEMESTER

15 July
14 – 16 July
19 – 23 July
26 – 30 July
02 – 06 August
09 – 13 August
16 – 20 August
23 – 27 August
31 August
30 August – 03 Sept
06 – 10 September
13 – 17 September
20 – 24 September
27 Sept – 01 October
04 – 08 October
11 – 15 October
18 – 22 October
25 October
31 August
Second Semester Census

SUMMER PROGRAM 1999/2000

22 – 26 November
29 Nov – 03 December
06 – 10 December
13 – 17 December
20 – 24 December
27 – 31 December
03 – 7 January, 2000
10 – 14 January
17 – 21 January
24 – 28 January
31 January – 4 February
07 – 11 February
14 – 18 February
05 – 16 July

FIRST SEMESTER

22 February
24 – 26 February
01 – 05 March
08 – 12 March
15 – 19 March
22 – 26 March
29 March – 02 April
31 March
05 – 09 April
12 – 16 April
19 – 23 April
26 – 30 April
03 – 07 May
10 – 14 May
17 – 21 May
24 – 28 May
31 May – 04 June
07 June
08 June
09 June
10 – 11 June
12 June – 02 July
05 – 16 July

- International Student Orientation
- Official Orientation Program
- Week 1
- Week 2
- Week 3
- Week 4
- Week 5
- First Semester Census
- Vacation
- Week 6
- Week 7
- Week 8
- Week 9
- Week 10
- Week 11
- Week 12
- Week 13
- Classes in lieu of 02 April (Good Friday)
- Classes in lieu of 26 April (Anzac Day)
- Classes in lieu of 03 May (Labour Day)
- Examination preparation
- Examinations (includes Saturdays)
- Vacation
- Week 7
- Week 8
- Week 9
- Week 10
- Week 11
- Week 12
COUNCIL

Composition, membership, powers and responsibilities of QUT Council are governed by the Queensland University of Technology Act. Procedures for elections, meetings and dealing with business in Council, are specified in QUT Statute 2 – Council.

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. 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

(As at 17 September 1998. A new Council will take office in December 1998.)

☐ Chancellor (Chairperson)
Dr C. Hirst, MBBS BEdSt Qld

☐ Vice-Chancellor
Professor R.D. Gibson, BSc(Hons) MSc Hull, PhD Ncle(UK), DSc CNAA, FAIM, FTS

☐ Nominees of the Minister of Education
L.N. Ledlie, AM, BEcon Qld (Deputy Chancellor)
J. Schafer, LLB(Hons) Qld
A. Chaplain, BA Griff, MBA Melb, DipSIA
R. Boyle, BEcon Qld
C. Hillyard, BSc(Hons) PhD Lond.
L. Stewart, BSc(Hons) CompSci HND Comp Data Proc, SNC

☐ Nominee of the Director-General of Education
R. Sullivan, CertT BA BEd MEd FACE

☐ Nominees of Council
I. Dover, BSc(Metallurgy) BSc(Met)(Hons) MEng(McMaster) PhD Qld
R. Grice, HonDPhil Qld

☐ Elected non-academic staff members
P. Abernethy, BA MPubAdmin Qld, GradDipBusAdmin QIT
G. Dawson, BA(Librarianship) Charles Sturt, GradDipCommComp

☐ Elected academic staff members
G.I. MacKenzie, LLB QIT, LLM
L.G. Wiseman, LLB(Hons) LLM Lond.

☐ Elected student members
S. Gay
J. Simpson

☐ Elected Convocation members
P.J. McGahan, BA(BSc) (Ind.Chem.) GradDipBusAdmin QIT
K. Brinkley, BBus(Comm) MBus(CommMgt)

☐ Secretary
K.E. Baumber, BSc St And, Fellow, Wgong

☐ Deputy Vice-Chancellor (attends by invitation)
Professor O.P. Coaldrake, BA(Hons) James Cook, PhD Griff., FAIM, FRIPAA

☐ Tenure
Council serves a three-year term.

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 which have student representation as part of their membership are:

☐ QUT Council
☐ Planning and Resources Committee
☐ Research Management Committee
☐ Equity Board
☐ University Academic Board
☐ Teaching and Learning Committee
☐ Academic Procedures and Rules Committee
☐ Academic Appeals Committee
☐ Disability Services Committee
☐ Aboriginal and Torres Strait Islander Committee
☐ Admissions Appeals Committee
☐ Outstanding Contribution Award for General Staff Committee
☐ Award for Outstanding Contribution (Academic Staff) Committee
☐ Community Service Committee
☐ 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 2357. 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.
STAFF

SENIOR OFFICERS OF THE ADMINISTRATION

- **Chancellery**
  - **Vice-Chancellor:** Professor R.D. Gibson, BSc(Hons) MSc Hull, PhD N’cle(UK), DSc CNAA, FAIM, FTS
  - **Deputy Vice-Chancellor:** Professor O.P. Coaldrake, BA(Hons) James Cook, PhD Griff., FAIM, FRIPAA
  - **Pro-Vice-Chancellor – Head, Planning & Resources Division:** Professor D.G. Gardiner, BA LLM(Hons) Syd., Barrister
  - **Director, Corporate Communications:** 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:** Ms P.E.R. Tripcony, BA DipEd Melb., MEd Adel.

- **Administrative Services Division**
  - **Registrar – Head, Administrative Services:** K.E. Baumber, BSc StAnd, Fellow, W’gong
  - **Director, Student Administration:** 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, Finance and Facilities:** J.A. Nelson, BCom Qld, AAUQ, FCPA
  - **Director, Human Resources:** C. Dickenson, BBus(Mgt) QIT, PhD Qld, CMAHRI
  - **Director, Counselling and Health Services:** D.B. Whitelaw, BA W.Ont., MA Macq., EdD Vanderbilt, MAPsS
  - **Campus Manager (Gardens Point):** G.P. Abernethy, BA MPubAdmin Qld, GradDipBusAdmin QIT
  - **Campus Manager (Kelvin Grove):** D.W. Spann, BA Qld
  - **Campus Manager (Carseldine):** E.D. Harding, BA Qld
  - **Manager, Publications:** I.A. Wynne
  - **Manager, Secretariat:** S.E. Johnstone, BA ANU, DipContEd NE
  - **Coordinator, Equity:** Ms M.A. Kelly, BA DipEd Qld

- **Information and Academic Services Division**
  - **Pro-Vice-Chancellor – Head, Information and Academic Services Division:** T. Cochrane, BA Qld, MPhil Griff., AALIA
  - **Director, Library Services:** G.M. Austen, BA(Hons) Melb., DipLib Camb., MBA Qld, AALIA, AAIM
  - **Director, Computing Services:** Vacant
  - **Director, Teaching & Learning Support Services:** G. Hart, DipNurs BCIT, DCHN Cumberland, BA MHP PhD UNSW
  - **Associate Director, TALSS:** J. Winn, BA, GradDipInfProc, MEd, AAIM
  - **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 Division:** Professor H. John B. Corderoy, BSc(Tech)(Merit) MEngSc PhD NSW, Barrister of the Supreme Court of NSW, CPEng FIEAust.
  - **International College and Deputy Head of Division:** D. Stent, QDA BA MagSt Qld
  - **Head, University Entry Programs:** Dr A. Savige, BA Med PhD
  - **Manager, International Relations Office:** Mr K. O’Brien, MA Trinity
  - **Director of Studies (ELICOS):** Drs J Valkhoff, BA MA AdvPractDip TESOL, Lond.
  - **Manager, Commercial Services:** C. Melvin, BBus(Mgmt) QIT, MBA Qld, AIMM
  - **Manager, Research:** N.H. Gilbert, BA(Hons) MEd DipEd GradDipEdAdmin
  - **Manager, Development:** Dr D. McDiarmid, BA(Hons) GradDipRE MA(Hons) PhD CFRE MPRIA
ACADEMIC STAFF

FACULTY OF ARTS

Dean: Professor R.D. Scott, BA(Hons)
  DipPubAdmin Tas., DPhil Ox., FACE
Assistant Dean: Dr K. Gow, BA(Hons) PhD Qld,
  MAPsP, MASH, MRITD, MISH
Faculty Administration Manager:
  J.A. Stephenson, BA MBA Qld, AIMM, ASA

☐ Academy of the Arts

Head of School: Professor P.D. Lavery, BA DipEd
  Qld, DipD Brist., MLitt NE

☐ Communication Design

Head of Communication Design: Associate
  Professor J.I. Jones, BA MSU, MPS NYU
Lecturer: G.J. Sade, BMus Griff.

☐ Dance

Head of Dance: Professor S.P. Street, DipDance
  Ballet Vic., MA City

Lecturers:
  K.E. Bell, BA Qld, CertT Mt Gravatt, MA(Dance)
  Sur.
  S.C. Boughen, BA(Hons) Dance Lond.,
  MA(Contemporary Dance) Kent
  J. Donald, ADCommRec Nth Bris., BA(Dance)
  E. Jones,
  J.E. Smith, BBus Mgmt, GradDip Sec Teach,
  MA(Dance)
  J. Utans,
Associate Lecturer:
  S. Leclercq, DipDance AusBalletSchool

☐ Drama

Head of Theatre Studies: J. Martin, DipT Kelvin
  Grove, BA PhD Stockholm, LTCL
Senior Lecturer: B.C. Haseman, DipT Mt Gravatt,
  BA Qld, MA Sussex, AdvDipS&D Lond.,
  LSDA, FTCL

Lecturers:
  D.G. Batchelor, BA(Hons) PhD Qld
  C. Comans, BA DipEd Qld, MEd Melb.
  J.A. Hamilton, DipT BEd Kelvin Grove, MA Qld
  D.K. McCrudden, DipStageProd NIDA,
  GD(ComPrac - Film&TV)
  J. McLean, DipT Kelvin Grove, BA Qld, MEd
  Melb., LSDA
  P.B. Makeham, BA(Hons) PhD Newcastle
  M.L. Radvan, BA(Hons) DipEd Syd.,
  DipDirecting NIDA
  I. Thomson, DipActing RADA, Lond., BA Qld,
  LTCL
Associate Lecturer: L. Dunn, DipT BEd
Head of Acting/TPM: D. Eden, BA Qld, ASDA,
  ATCL

Lecturers:
  L. Meenach, BFA MFA Arizona
  S. Mortensen,
Associate Lecturers:
  I. Haze, ADAT
  A. Tye, BA(Drama)

☐ Music

Head of Music: Associate Professor A. Arthurs,
  BMus(Hons) Surrey
Principal Lecturer: A.A. Thomas, BEd BMus
  MMus Melb., PhD Qld, AMUSA

Lecturers:
  A.R. Brown, BEd(Music) Melb.CAE,
  GradDipComp Deakin, MEd(Music) Melb.
  S.H. Forster, BMus MMus Miss., MMus Indiana,
  GradCert (Arts Admin)
  R.H. Hultgren, BA Qld, MA
  A.L. Morris-Campbell, BMus GradDipMus QCM,
  GradDipTeach Brisbane, MEdSt UNE
  M.R. Whelan, ADPA Brisbane, BA(Drama)
  MCreativeArts James Cook
Associate Lecturer:
  B. Millard, BMus QCM, LMA, LTCL

☐ Visual Arts

Head of Visual Arts: J.M.J. Armstrong
Associate Professor: D.M. Hawke, DipArt(Ed)
  Syd., BEd MA Calg., PhD Alberta

Lecturers:
  J. Barker, BA(Visual Arts) Curtin, BSc Qld, MA
  Griff.
  D.Fitzpatrick, BA(VisArts) CAI, PGDP, CAI,
  BLITT(Hons) Deakin, MFA, NSW
  V.L. Garnons-Williams, BEd(Sec) MEd(Art)
  Br.Col., GradDipProArt Syd.CAE
  I.G. Hutson, DipEd Auckland STC,
  DipFineArts(Hons) Cant., BA Open
  M.J. Kelly, DipT Kelvin Grove, GradDipVisArt
  QCA, GradDipAsian Studies Armidale,
  MLitSt Qld
  D. Mafe, DipPainting City&Guilds School of Arts,
  GradDipPainting Royal Academy, Lond.
  A. McNamara, BA MA(Hons) PhD Syd.
  T.C. Ross, BA(Hons) PhD Syd.
  M. Webb, DipFineArts QCA, MA

☐ Centre for Innovation in the Arts

Director: Associate Professor R.C. Wissler,
  BA(Hons) PhD Qld

☐ School of Humanities

Head of School: Dr W.R. Hindsley, BA MA Calif,
  PhD Queens
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.
N.W. Preston, CertT Kelvin Grove, BA BD Qld, ThD Boston, MED(Hons) NE

Senior Lecturers:
C. Bean, BA MA(Hons) Cant., PhD ANU
P.R. Harrison, BA(Hons) MA PhD LaT.
P.J. Isaacs, BTh Urban, BD Qld, GDipEd Lond., MA PhD Exe.
A.M. Quanchi, TPTC Frankston, BA(Hons) MA Monash, PhD Qld
A.M. Shoemaker, BA(Hons) Qu., PhD ANU

Lecturers:
H. Bucknall, LLB
M. Parry, BEd
P.A. Hastings, BA, PhD
G.D. Woolams, BA(Hons)

Professor S. Cunningham, Head of School:
N.W. Preston, CertT
G.J. Ianziti, BA
H. Guille, BSc(Hons)

Associate Professors:
B.J. Bourke, BA DipEd
B.M.L. Atherton, BA(Hons) PhD
B. Adkins, BA(Hons), PhD
C. Bean, BA(Hons) MA Camb., MSc Manc., PhD Lond.
D.R. Massey, BA DipPsych Qld, MAPsS
V. Muller, BA(Hons) DipEd MLitSt Qld
S.M. Pearce, BA Adel., MLitt PhD James Cook
D.I. Scott, BA(Hons) PhD N’cle (NSW)
Z. Skrbis, Dip(SocCult&Philos) PhD Flind.
A.J. Williamson-Fien, BEcon BA Qld, MA Griff.
G.D. Wooliams, BA(Hons) Syd., PhD Griff.

Associate Lecturers:
J.S. Ainsworth, BA(Hons) PhD Qld
A. Arifin-Sargent, BA(Hons) Indonesia, MA Qld
H. Bucknall, LLB Kansai, DipEd Qld
A. Gesche, BA(Hons) BSc(Hons) Adelaia, PhD ANU, DipMedicalTech Ludwigshafen
P.A. Hastings, BA, PhD Qld
M. Parry, BEd Kochi (Japan)

School of Social Science
Head of School: Professor M. Sheehan, BA(Hons) GradDip(Clinical Psych) NSW, PhD Qld
Professor: G. Embelton, BA BD MEdSt Qld, PhD Mich.S., GradDipRE Melb. College of Divinity, MCD, MAPsS
Adjunct Professor: J. Western, DipSocStud, MA Melb., PhD Col., FASSA

Senior Lecturers:
K. Gow, BA(Hons) PhD Qld, MAPsP, MASH, MAITD, MISH
G.E. Guy, BA DipPsych MEdSt Qld, Med NE, MAPsS
B. O’Connor, BEd Qld, Med Oregon, PhD Qld, CDTRT
S.G. Smith, BSc(Hons) PhD Qld
J. Tomlinson, BSoCStud MSocWk BA(Hons) Qld, PhD Murdoch

Lecturers:
D. Axten, BA BEd MEdSt Qld, LSDA, FTCL Lond.
L. Buys, BA West Virg., MS SIU, GradCert Gerontology PhD UNC
P.R. Crane, BA UNSW, GradDipOutdoorEd Brisbane, MAdmin Griff.
R.J. Daniels, BSocWk BEcon MSocPlanning&Devt Qld
FACULTY OF BUILT ENVIRONMENT AND ENGINEERING

Dean of Faculty: Professor W.P. Chang, BSc(CivEng) Taiwan, MSc(CivEng) PhD N.Y.State, CPEng, FIEAust, FAIB

Assistant Dean: J. Allison, BA(Hons) MRegSc Qld, GradDipLib&InfoSys Riverina, PhD

Women in Built Environment and Engineering Coordinator: D. Messer, BSc(EngSc) Qld, MEd

Faculty Administration Manager: J. Mannion, CertT Mt Gravatt, BA Qld, GradDipComComp, MBA Hull

Charles Fulton School of Architecture, Interior and Industrial Design

Head of School: Associate Professor G.A. Holden, DipArch Central Tech. College, MA(Urban Design) Manc, PhD N’cle, FRAIA

Professor: B.P. Lim, BArch DipT&CP PhD Syd., FRAIA, MRIBA

Adjunct Professors:
J.D. Byrne, BA BArch MTP Adel., ARAIA, RAPI
J. Taylor, MArch(History) U.Wash, BArch U.Wash., FRAIA

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

Senior Lecturers:
P. Guedes, MA (Cantab), DipArch, RIBA
P. Hedley, BArch N’cle, DipEd Syd.CAE, DipUrbSt Macq, MSc(Hons) W.Syd(UWS), ADIA, ARAIA
D. Nutter, BArch (Hons), DipRTP Qld, LFRAIA, MIarbA
J. Williamson, BArch(Hons) Qld, MSc C’nell, GradCertEd(HigherEd), FRAIA, MAIC
J. Woolley, BArch Natal, MArch Witw, GradDipCompSc, MIA SA

Lecturers:
S. Bucolo, BAppSc, GradDipIndDes, MAppSc(BltEnv)
J. Franz, BAppSc(BltEnv) QIT, DipT Brisbane, MEdSt Qld, PhD, MDIA
D. Hardy, DipAd(Hons) N’cle Poly Tech (UK), BA (Hons) Lond, FDIA, ASIAD
G. Meltzer, BSc UNSW, BDesSt BArch (Hons) Qld, ARAIA
M. Molloy, BA(Hons), MBltEnv(UrbDes), MDIA
S. Savage, BDesStud BArch (Hons), MArch Qld, DipAdult&VocEd Griff, ARAIA
A. Scott, BAppSc GradDipIndDes QIT, MAppSc(BltEnv), MDIA
D.J. Smith, BSc ANU, BArch(Hons), GradDipIntDes, GradCertEduc(HigherEd), MDIA
J.R. Stewart, BArch Qld, DipT&CP QIT, CHS Ekistics Athens ATO, MArch Calif (Berkeley), ARAIA, MRAPI
P.C. Whitman, BArch QIT, MAppSc, ARAIA
B.J. Williamson, BArch (Hons) Qld, MSc C’nell, FRAIA

School of Civil Engineering

Head of School: Professor R.J. Troutbeck, BE MEngSc Melb., PhD Qld, FIEAust

Professors:
D.P. Thambiratnam, BScEng(Hons) Ceyl., MSc, PhD Manit., FICE, FIEAust, FASCE
K.B. Wallace, AssocDipCE RMIT, BE MEngSc PhD Melb., MIEAust, MSAGS

Associate Professors:
G.H. Brameld, BE(Hons) MEngSc BCom PhD Qld, FIEAust, MIABSE
F. Bullen, BSc(Met) BE(Hons) ME N’cle(NSW), PhD Qld, FIEAust, CPEng, MAGS
L. Ferreira, BSc Lond., GDTertTeach NE, MSc Westminster, PhD Leeds, FIEAust, FCIT, MAREA
M. Mahendran, BScEng(Hons) S’Lanka, PhD Monash, SMIEAust, CPEng

Senior Lecturers:
D.L. Beal, BE Qld, MEngSc UNSW, MSc DIC Lond., FIEAust, CPEng
R.G. Black, BE MEngSc Qld, FIEAust, MIAHR, CPEng
B.T. Boyce, ME Cant.(NZ), MSc Lond., MIEAust, CEng, MAGS
Physical Infrastructure Centre

Director: Associate Professor M. Mahendran, BSc(Hons) PhD Monash, SMIE Aust

Research, Investigation and Development Manager: D. Corbett, BA FullTechCertProd Eng PGCE

School of Construction Management and Property

Head of School: Professor A.C. Sidwell, BSc(Hons), PhD, MCIOB, ARICS, FAIB, FAICS, FIEAust

Professor: R.M. Skitmore, MSc, PhD Salford, FRICS, MCIOB, FAIB

Associate Professors:
K.D. Hampson, BEng(Hons), GradDipBusAdmin QIT, MBA PhD Stan., LGE, MIEAust, RPEQ, AFAIM
D.S. Then, BSc(Hons), MSc, PhD Herriott Watt, MCIOB, MIMgt., MBIFM, MIMBM

Adjunct Professor: R.M. Barton, MSc Aston, DipEd Sydney, MCIOB, MAIB, AAIQS

Senior Lecturers:
J.F. Hornibrook, DipBuild, MProjectMgt, FAIB

Lecturers:
A. Bridge, BSc(Hons) CNAAn, MSc Salford, AAIQS, ARICS
S.L. Kajewski, BEng(Hons) GradDipProjectMgt, MBuiltEng(ProjMgt), PhD, MIEAust, CEng, RPEQ, MAIB
S.J. Ross, BEd(Hons) CNAAn, MPhil(LandMgt) R’dg, ARICS, AAPI(Val&Econ), Reg Valuer
O.D. Wilson, MBA Melb, DipLegSt LaT, FAIQS, ANZIQS, RQS(NZ), AIAM
B.M. Woolnough, FRAIA, RegArch
J. Yang, BE Dalian Uni of T, PhD, MIEAust, MAIPM, MASEM

Associate Lecturer: C. Fraser, BSc(Hons) Man, MEng Tokyo, PhD, MAIB, MCIOB, AIMM

School of Electrical and Electronic Systems Engineering

Head of School: To be appointed

Professors:
B. Boashash, BE Lyon, MSc PhD Inst. Nat. Poly., Grenoble, SMIEEE, FIREE, FIEAust
M.P. Moody, BA MEngSc PhD Q’ld, FIEAust, FIREE, SMIEEE, MACE, MAES, RPEQ, CEng

Chair in Electricity Asset Management: Professor G. Ledwich, BE(Hons) Q’ld, PhD Newcastle, FIEAust, SMIEEE

Visiting Professor: Adjunct Professor S.M.P. Chin, MEngSc PhD Melb., CEng, FIEAust, FIEEE, SMIEEE, FIES, FIMC, SMICS

Associate Professor: S. Sridharan, BSc(Eng) Ceyl., MSc Manc., PhD NSW, MIEAust, CEng, MIEE, SMIEEE, CEng

Senior Lecturers:
N.W. Bergmann, BE BSc BA Q’ld, PhD Edin., MIEE, MIEAust, CEng
D. Birtwhistle, MSc Brad., PhD Syd., MIEAust, MIEE, CEng, CPEng
W.W. Boles, MSc PhD Pitt., MIEE, MAPRS
V. Chandran, MS(EE) Texas Tech., MS(CS) PhD Wash.S., MIEE, MOSA
M. Deriche, Dipl.-Ing.(Elect) Algeria, MSc PhD Munn., MIEE
J. Edwards, MSc Bath, DipCompSc Q’ld, MIEE, MIEE, CEng
J.S. Lyall, BSc ME PhD Q’ld, MIEAust, MIEE, MIES (Aus & NZ), CPEng
T.G. Tang, BE(Hons) PhD Q’ld, MIEAust, MIEE, CPEng
P.A. Wilson, BSc(Hons) Salf., MEng, PhD JCU, SMIEEE, RPEQ
A.M. Zoubir, Dipl.-Ing. Dr.-Ing Germany, MIEE

Lecturers:
G.N. Beikoff, BSc Q’ld, MEng, MSS ISU, MIEAust, MACS, CPEng
M. Bennamoun, MSc(EE) Canada, PhD, MIEE
K.R. Curwen, MA(Hons) Camb., GradDipAuto-Control QIT, MIEAust, RPEQ, CPEng
N. Härle, Dipl.-Ing. Dr.-Ing. Germany, MIEE, MVDI, MARA
K. Hoffman, MSc Cape T., PhD Q’ld, MSAIEE, PrEng(SA)
K. Khouzam, MSc Cairo, Cert in Photovoltaics Cert in Ed Egypt, PhD Cleveland, MIEE, ISES, ANZSES
E.W. Palmer, BSc MEngSc Q’ld, GDTeach Kelvin Grove, MIEE
B. Senadjii, Dipl.-Ing.(Elec) MSc France, Dr.-Ing. Paris, MIEE

Associate Lecturer: G. Nourbakhsh, MSc Calif. State, MSc Sask.

☐ Signal Processing Research Centre

Director: Professor B. Boashash, BE Lyon, MSc PhD Inst. Nat. Poly., Grenoble, SMIEEE, FIREE, FIEAust

Centre Academic Staff:
M. Deriche, Dipl.-Ing.(Elect) Algeria, MSc PhD Minn., MIEEE
B. Senadjii, Dipl.-Ing.(Elec) MSc France, Dr.-Ing. Paris, MIEE

☐ Cooperative Research Centre for Satellite Systems

Manager, Northern Node: Professor M.P. Moody, MEngSc BA PhD Q’ld, FIEAust, FIREE, SMIEEE, MACE, MAES, RPEQ, CEng

Centre Academic Staff:
Professor K. Kubik, BSc T.H. Delft, DipEng DrTechn Tech Uni, Vienna, MASPRS, MIAust, MAIC
N.W. Bergmann, BE BSc BA Q’ld, PhD Edin., MIEE, MIEAust, CEng
N. Härtle, Dipl.-Ing. Dr.-Ing. Germany, MIEEE, MVDI, MARA
A.M. Zoubir, Dipl.-Ing. Dr.-Ing Germany, MIEEE

Centre Research Staff:
A. Dawood, MSc Mosul Uni, PhD Czech Tech Uni Y. Feng, MSc PhD WTUSM
P. Sutton, BSc BEng Q’ld, MS PhD Carnegie Mellon, GradIEAust, MIEEE, MACM
R. Walker, BE/BAppSc(Hons)

Business Development Manager: A.L. Cooper
Systems Engineer: E. Hall, BE(Elect) Auckland, MIEAust, CEng

☐ Space Centre for Satellite Navigation

Director: M. Bennamoun, MSc(EE) Canada, PhD, MIEEE

Program Director GPS: Professor K. Kubik, BSc T.H. Delft, DipEng DrTechn Tech Uni, Vienna, MASPRS, MIAust, MAIC

☐ Space Industry Development Centre

Director: N.W. Bergmann, BE BSc BA Q’ld, PhD Edin., MIEEE, MIEAust, CEng

Business Manager: G.M. Wensor, BE
Design Engineer: C. Todd, BSc GU, BEng(Hons)

☐ Research Concentration in Electrical Energy

Director: D. Birtwhistle, MSc Brad., PhD Syd., MIEAust, MEE, CEng, CEng

Chair in Electricity Asset Management: Professor G. Ledwich, BE(Hons) Q’ld, PhD Newcastle, FIEAust, SMIEEE

Centre Academic Staff:
G.N. Beikoff, BSc Q’ld, MEng, MSS ISU, MIEAust, MACS, CP Eng
K.R. Curwen, MA(Hons) Camb., GradDipAuto-Control QIT, MIEAust, RPEQ, CEng
J. Edwards, MSc Bath, DipCompSc Q’ld, MIEE, MIEE, CEng
K. Hoffman, MSc Cape T., PhD Q’ld, MSAIEE, PrEng(SA)
K. Khouzam, MSc Cairo, Cert in Photovoltaics Cert in Ed Egypt, PhD Cleveland, MIEEE, ISES, ANZSES
J.S. Lyall, BSc ME PhD Q’ld, MIAE, MIEEE, MIES (Aus & NZ), CEng
G. Nourbakhsh, MSc Calif. State, MSc Sask.
E.W. Palmer, BSc MEngSc Q’ld, GDTeach Kelvin Grove, MIEEE
T.G. Tang, BE(Hons) PhD Q’ld, MIAE, MIEE, CEng
P.A. Wilson, BSc(Hons) Sal., MEng, PhD JCU, SMIEEE, RPEQ

Research Staff:
A. Krivda, MSc Kosice UT, PhD Delft UT

Manager, Electricity Supply Training Program:
L. McKinnon, BComm Melb., TSTC Melb. STC

☐ School of Mechanical, Manufacturing and Medical Engineering

Acting Head of School and Professor of Biomedical Engineering: M.J. Pearcy, BSc Brist., CEng, CEng(Biomed) PhD Strath.

MIM Professor of Maintenance Engineering: N. Hastings, MA Camb., PhD Birm., CEng, MIMechE

Fuchs Professor of Tribology: W. Scott, MSc PhD Leeds, CEng, FIEAust, MIMechE, MSTLE

Principal Lecturer: J.W. Laracy, ME MEngSt Qld, FIEAust, MAIRAH, MAASSCT, MASHRAE, MIIR, FAIE

Associate Professor: J.M. Bell, BSc(Hons) Syd., PhD UNSW

Senior Lecturers:
D.J. Hargreaves, BEng QIT, MSc PhD Leeds, FIEAust, CEng, RPEQ, AMIMechE, MASSCT, MSTLE
R. M. Iyer, BScEng(Hons) S.Lanka, PhD N’cle(UK), GDCompSc, MIAEust, SrMemSME
C.C. Tan, BSc(Hons) PhD Lond., MIMechE, MIEAust, MIEM

Lecturers:
T.M. Barker, BE(Hons) Qld, PhD Strath., MISB, MASMR
G. Chadwick, BSc Preston, MSc PhD Cran.IT
R. Clegg, BE Qld, PhD Camb.
B.D. Mathiesen, ADMechEng QIT, MEngSt Qld, MIEAust
V.O.A. Oloyede, BSc(Hons) Lagos, MSc Cran, PhD Dic Lond., MNSE
Y.K.D.V. Prasad, BTech Nagar, ME B’thiari, PhD IndInstTech, CEng, CEng, MIMechE, MIEAust, MIE(India), SrMem SME, Mem ASME
P.R. Ridley, BE(Hons) Qld, MEngSc Melb, PhD Qld
J. Wang, BE Dalian, PhD Melb, SrMemSME, MIEAust, CEng, CPEng, MIMechE, MIEAust

Associate Lecturers:
W.A. Dekkers, BE(Hons) UNSW, MIEAust
N.F. Munro, BEng QIT, MIEAust

School of Planning, Landscape Architecture and Surveying

Head of School: Associate Professor B.J. Hannigan, BA Macq., MSurvMap Qld, LS(Qld), FISAust, MMSIA, MAIMES

Professors:
H. Armstrong, BSc Syd, GradDipLA, MLArch NSW, AAILA
K. Kubik, BSc T.H.Delft, DipEng DrTechn Tech Uni, Vienna, MASPRS, MIAust, MMSIA

Associate Professor: P. Heywood, BA(Hons) Oxf., DipTP Manc., MRTP, FRAPI, LGP(Qld)

Senior Lecturers:
J. Allison, BA(Hons), MRegSc Qld, GradDipLib & InfoSys Riverina, PhD
B.J. Hudson, BA(Hons) MCD Liv., PhD HK, MRTP, MRAPI
D.J. O’Hare, BTP(Hons) UNSW, GDipUrbDes MA(UD) Oxf.PolyTech, PhD Oxford Brookes
J.R. Minnery, BSc(Hons) Cant., DipTP Witw., PCE Lond., MPubAdmin, PhD Qld, CertE Lond., MRAPI, MRIPPA, MMRS, LGP(Qld)
G. Thomas, BArch Qld, GradDipLandArch QIT, MAppSc, FRAIA, FAILA

Lecturers:
B. Bajracharya, BArch Delhi, PhD Hawaii
S.F. Buzer, BA(Hons) PhD Qld, MEIA, MAIG, MIALE
J.S. Cook, BSurv BA BEdcon PhD Qld, CertREVals LS(Qld), FISAust, MRAHS, MAURISA
M.W. Harris, MSurv Qld, MIEMS
K. Jones, BSurv MSurv Qld, LS(Qld), MISAust, MASPRS, MPS
R. Margerum, BA Wittenberg, MCP Cinc., MS PhD Wisc-Madison
D. Poulton, GradDipLandArch QIT, AILA

J. Sim, BDesSt Qld, BArch Qld, GradDipLandArch, MA-Conservation Studies York, AAILA

Associate Lecturers:
G. Lawson, BSc Agr UNE, MSc Agr Syd., GradDipLandArch
R. Webb, BAppSc(Surv), Dip(Elec), ICS, MMSIA, MIAust, MAURISA

Australian Housing and Urban Research Institute

Director: B.H. Roberts, BSc Otago, DipUrbDesign Ox., MA Ox., Brookes, DipBusMgt C.Qld, DiplTP Auckland, MRAPI, MWRSA, MANRSA

Professor: Rodney Jensen, PhD, BEd, MAgEc, AEd, Dip QDAH

Associate Professor: Luis Ferreira, BSc Lond., GDTertTeach NE, MSc Westminster, PhD Leeds, MIEAust, MRTPI, MAREA

Principal Researcher: J.R. Minnery, BSc(Hons) Cant., DipTP Witw., PCE Lond., MPubAdmin PhD Qld, CertE Lond., MRAPI, MRIPPA, MMRS, LGP(Qld)

Senior Research Fellow: M.R. Lindfield, BSc (Arch) BArch (Hons) Syd., MC(Econ) NSW, PhD Erasmus, MAIUS

FACULTY OF BUSINESS

Dean: Professor Sandra Harding, BSc(Hons) ANU, MPub Admin Qld, PhD Nth Carolina

Assistant Dean (International Programmes): Associate Professor Peter Carroll, BA(Hons) Leic., MSocSc Soton, PhD Qld

Director of Graduate Studies: Dr Jennifer Radbourne, CertT BA MA PhD Qld, LSDA (Aust), ATCL (Lond)

Director of Research & Development: Dr Neal Ryan, BSc MSc MPhil PhD Griffith.

Faculty Research Adviser: Vacant
Assistant Faculty Research Adviser: Dr Cathy Zimmer, BA Rochester, MA PhD North Carolina

Faculty Academic Services Manager: Ms Kathleen O’Hare, BA DipEd Qld

Faculty Finance and Resources Manager: Ms Brigita Zebergs

Senior Administration Officer – Undergraduate Studies: Ms Maree Parker, DipTch Kedron Park, BBus(Pub Admin) QUT

Senior Administration Officer – Research and Graduate Studies: Ms Sandra Hughes

Senior Administration Officer – International Programs and External Relations: Mr Stephen Lowe, BCom W’gong
Office Administrator – Carseldine: Ms Tilly Brasch

Graduate School of Business

Head of School: Professor Evan Douglas, MCom Newcastle, PhD Simon Fraser

Director of MBA Program (Acting): Dr Carol Dalglish, BA Uni of Natal, MScience Cranfield IT, DipEduAdmin Uni of London, Doctorate Social Policy, Cranfield IT

Senior Lecturer: L. Spillane, MBA MA Research, Macq.

School of Accountancy

Head of School: Professor Roger Willett, BA(Hons) UEA, PhD Aberdeen, FCA (ICAEW)

Professors:
- P. Little, LLB LLM Qld, Barrister-at-Law

Associate Professors:
- P. Best, BCom(Hons) Qld, MEng N’cle(NSW), PhD, FCPA, ICA, MACS
- M. McGregor-Lowndes, BA LLB Qld, MAdmin., PhD Griff, JP, Solicitor of Supreme Court of Queensland and High Court of Australia

Senior Lecturers:
- T. Black, BCom VIC(NZ), MFM Qld, PhD, FCPA, ACIS
- L. Gallagher, CertT Kelvin Grove, BCom MFM Qld, CPA, ICA
- P. Green, BCom BSc MInfSys Qld, PhD Qld, ICA, MACS
- R. Humphreys, BCom Qld, MBus, AAUQ
- N. Katter, LLB Qld, LLM PhD, Barrister-at-Law
- C. Lambert, BBus Darling Downs, DipFinMgt NE, MBA Qld, CPA
- A.M. Mirza, MCom Punj., MCom Qld, FCPA, ICA, ASIA
- M. Percy, CertT Kelvin Grove, BEcon BCom MFM PhD Qld, ASA
- C. Ryan, BCom DipEd MFM Qld, PhD Griff, FCPA
- J. Sweeting, BEc Monash, MEc NE, CPA, ICA

Lecturers:
- C. Anderson, BCom(Hons) LLB(Hons) DipEd Qld, LLM, ICA, FTIA
- S. Buckby BBus QIT, MBus(Accy), ASA
- J. Campbell, BCom(Hons) MFM Qld, FCPA
- R. Craig, BCom MBA Qld, FCPA, MIMC, CMC
- K. Dunstan, BCom Qld, DipMgt Capricornia, MBus(Accy), ASA
- J. Falt, BEcon BEDst Qld, Med Bowling Green
- C. Gaunt, BBus BCAE, MFM Qld, MACS
- M. Hocken, BA Capricornia, LLB QIT LLM GradDipTeach(Prof), JP, Barrister-at-Law
- R. Kent, BCom(Hons) MFM Qld, CPA
- S. Lazzarini, BCom(Hons) LLB(Hons) MFM Qld
- S. Marsden, BBus QIT, GradDipAdvAcc, MBus, ICA, CPA, FTIA
- E. McDade, TCert Jordanhill, TDipCom Strath., BEdSt Qld, MAcc Charles Sturt
- L. Munro, BBus QIT, MFM Qld, FCPA
- C. O’Leary, BCom(Hons) Cork, MBus(Accy), ICA
- M. Pearce, BCom Qld, LLB(Hons)
- D. Scheiwe, BCom Qld, BEcon MEd James Cook, MAcc NE, CPA
- T. Stanley, BCom, DipEd Qld, MSc Griff., FCPA
- S. Taylor, BBus QIT, MBus(Accy), ICA

Associate Lecturers:
- M. McCarthy, BBus QIT, GradCertEd(Higher Education), MBus(Accy), ASA
- M. O’Sullivan, BBus(Accy), ASA
- L. Trouton, LLB(Hons), LLM, Solicitor of Supreme Court of Queensland and High Court of Australia
- C. Vincent, BCom Qld, GradDipEd, ICA, FTIA
- S. Wallace, BBus

Associates:
- Professor Emeritus L. Edwards, BCom(Hons), MBA Qld, CT, AAUQ, FCPA, FCA, FAIM

School of Communication

Head of School: Professor C. Patti, BA, MS, PhD Ill.

Associate Professors:
- G.H.Hearn, BSc, BSc(Hons), PhD Qld
- J.L. Everett, BA Michigan, MA Colorado, PhD Colorado

Senior Lecturers:
- R.A. Gibson, CertT Kelvin Grove, BEcon, BCom, MSocSc Qld
- K.V. Henderson, BA Wesleyan, Ohio, MBA Wesleyan, New England, PhD Florida State
- P.M. McCarthy, BA Qld, MA, LSDA (Board), FTCL Lond.
- B. Murchison, BBus(Comm) QIT, MBus(Comm), MPRIA
- R. Petelin, CertEd Kelvin Grove, BA, PhD Griff., ASDA
- L.E. Simpson, DipT Mt Gravatt, BEd Brisbane, MEd James Cook

Lecturers:
- J.E. Clare, DipT Burwood TC, MA(Drama), LSDA, ASDA
- C. Hatcher, BA Qld, BEd Brisbane, MA(Hons) Charles Sturt, ASDA(Comm), LTCL Lond, PhD
- G. Kerr, BBus(Comm)
- K. Madden, BBus(Comm) QIT, MA(Hons) Charles Sturt
- B. McKenna, BA Qld, DipT, BEd Brisbane, M.Phil Griffith
- N.T. Meyers, BA Qld, MLS UC Berkeley
C. Moran, BA CIE, MBus(Comm)
H. Stuart, BSc, DipEd NE, MA ANU, AFAMI, MMRS
R. Xavier, BBus(Comm), MPRIA, ASIA

Associate Lecturers:
J. Bartlett, AssocDipBus, BBus(Com)
P. Castle, BA ANU, BA Canberra
S. Dhan, BBus(OrgComm)
P. Farley, BA Qld, MED(TESOL) MED,
GradCertED(TESOL), DipEd(Sec) KGTC
J. Gregory, BBus(Comm), DipArts(Psych) Syd,
MPRIA
R.M. Mann, DipT Kelvin Grove,
GradDipEdAdmin, S.Aust.CAE, MBA(Human
Resources), Stir., ACA, MAHRI
W. Murphy, BEd, MEd, JCU, MA Murdoch
E. Prior, BSc Indiana, MBA(Mktg) City
G. Thomas, BA(Hons), MA Qld

□ School of Economics and Finance
Head of School: Professor A. Layton,
BEcon(Hons) MEcon PhD Qld

Professors:
A.S. Hurn, BCom(Hons) Natal, DPhil Oxon.
S.Thompson, BCom(Hons) FIMEcon Qld,
FCPA, FCIS, FCA

Associate Professors:
M.L. Robinson, BA(Hons) Syd., MCom(Econ)
Melb., PhD ANU
T.J.C. Robinson, BEd(Hons) PhD Qld

Senior Lecturers:
J. Polichronis, BCom(Hons) MFM Qld, FCPA
A.W. Williams, BCom DipEd UNSW, MCom
Syd., PhD Qld, FCIT

Lecturers:
T. Boulter, BA(Hons) Carleton (Canada)
M. Christensen, BBus Brisbane, MFM Qld, CPA,
FSIA
L. Connelly, BA(Econ), MComst Qld
E.J. Duhs, BSc BA AEd BEc MCom Qld, ASA
G.F. Edwards, BSc(Econ) Hull, PGCE Lanc.,
MA(Econ) N’Cle(NSW)
H. Higgs, BEcon(Hons) DipEd MComst Qld
E. McCann, BSc(Econ) Belf., GCertEd Leeds,
MEd NE
E. Roca, BA (Econ) Phil, MBA DLSU
A. Spowart, BBus(Hons) Curtin
P. Whelan, BCom(Hons) Qld
J.B. Williams, BA (Econ) (Hons) DipMgmtStuds
CNA, PGCE Hull, MA (Econ) Leeds, PhD UNE
A. Worthington, BA UNE, MCom UNSW,
DipBusStud MEd ANU

Associate Lecturers:
C. Callum, BCom(Hons) BLaws(Hons) Qld
J. Copp, BEcon(Hons) Qld, PhD UTS

J. McIvor, BBus Brisbane, MFM Qld
A. Paltridge, BEc(Hons) MEdSt Qld.
GradCert(HigherEd) Griff.
T. Tang, BSocSci(Hons) PcEd, AdvDipEd, MEd,
HKU

□ School of Management
Head of School: Professor Boris Kabanoff,
BA(Hons) Qld, PhD Flinders

Associate Professor: T. Williams, BA(Hons), MA
Melb., PhD W.Aust.

Senior Lecturers:
D.K. Conroy, BA, MPub Admin Qld
J. Martin, GCert(HigherEd) Canb., GDipAdmin
CCA, BAppSc MA PhD ANU
N.F. Ryan, BSc MSc MPhil, PhD Griff.

Lecturers:
L. Bradley, BA(Hons), MOR Psych, PhD Qld
M.J. Christie, BBus UTS DipFinMgt MEd NE
G.P. Davidson, BSc(Hons) BD MBA Qld, DPS
Birm., CertEd Geneva, FAICD Cert NE,
AFAIM, MAHRI
K.J. Donohue, BEcon Qld, MEdSt Qld
P. Galvin, BCom(Hons) PhD UWA
D.C. Hine, BA DipEd Qld, MBA, PhD SCU
K. Hutchings, BA, MSocSc Qld, MLitt UNE, PhD
Qld
N.L. Jimmieson, BA PG Dip (Psych) Qld
D.A. Lambert, DipSS Ox., BSc(Econ) Wales,
MSc(Econ) Lond., PhD ANU
D.S. Lewis, CertT Kelvin Grove, BA AEd Qld,
PhD Griff., AIMM
M. Lewis, DipBus BBus(Public Admin) QIT,
MBA QUT, CMAHRI
G. Maconachie, BCom(Hons) BAdmin PhD Griff.
P.T. Mansour-Nahra, BA PhD N’Cle (NSW), STL-
MAOQ
R. Parker, BA LLB(Hons) PhD Qld
L. Parsons, BA MEEd Qld
L. Sargent, BA DipPsych MOrgPsych Qld
G.N. Southey, BBus Darin Downs,
DipPsych(Hons) MAppPsych Qld, MAPsS,
CMAHRI
R. Thompson, BA(Hons) Psych MPsyhApp Qld

Associate Lecturers:
M. Bibo, BA(Hons) Qld
G. Fisher, BBus SAIT MA Canberra
E. French, BBus MBus(Public Admin) QIT,
CMAHRI
A. Griffiths, BA(Hons) Griff.
J. Shepley, BEcon LLB Qld, Barrister-at-Law

□ School of Marketing and International Business
Head of School: Professor W. Renforth, AB
Rollins College, MBA Crummer, MS, MBA
DBA Indiana
Professor: N. Arnold, BMus MSc Southern Ill., ReD Indiana, FAMI, CMC, AIMC
Associate Professor: P.G.H. Carroll BA(Hons) Leic., MSoSc Soton, PhD Qld

Senior Lecturers:
T.L. Euler., MBA Qld, ADipME QIT, MAIEX, IMC
E. Laws, CertEd Hull College, H.N.D (Bus Studies), MA Thames, MPhil Surrey
M.J.Quayle, BEcon M.Pol.Econ, PhD Qld
J.J.Radbourne, CertT BA MA PhD Qld, LSDA (Aust.), ATCL (Lond)
S.M.Wong, BCom&Admin Well., MBA Qld, FAMI

Lecturers:
M.J.Briggs, CertT ASOPA, DipTraining&Devel SAust CAE, MBA Qld, GradDipEdAdmin H'thorne
G.K.Chittick, BEcon NE, BA Macq., DrsEcSc Amst
C.W.Collyer, BEcon(Hons) MDeconst Qld
M.A.Cox, BCc DipEd Syd MAcc C.Sturt
T.V.Cronk, BA(Hons) Qld, MA Lond., GradDipBusAdmin QIT
B.Kitching,CertT Lond., BA(Hons) PhD Griff.
P. Lan, BSc Beijing, MSc Zhongshou, PhD Strath.
J.J. McDonnell, BA(Ecs) DipEd Macq., MSocSci, MBA Qld
M.F.McGovern, BSc, DipEd, BEcon, MRegSc Qld, PhD NE
C.M.Neal, BBus(Comm) QIT, GradDipMktg Chisholm IT, GradDipEd(Tert) DDJAE, MBA Qld
C. Pokaries, BA, MSocSci Qld
S. Ridings, BA Griff., MSocSci Qld
R. Stokes, BA Capricornia, GradDipRecPlng Canb, MBA CQU

Associate Lecturers:
T. Fenech, BBus UTS, MCom(Mktg) UNSW, AAMI
A. Peloso, BA Qld, GradCertMgt, MBus(Mktg), AIMM
A. Zarkada, BSc Athens, MSc UMIST

Australian Centre in Strategic Management

Director: Professor Robert Waldersee, BA MA(Psych), Syd., MA(ClinPsych) PhD UN-L
Principal Research Fellows:
M. Griffin, BA (Melb., DipEd LaT, GradDipPsych Melb.CAE, MEd Melb., PhD Pen.St.
M. Shadur, BA(Hons) PhD ANU
Senior Research Fellow: Arthur Preston, BSc(Hons) ANU, M.Admin Griff, PhD Qld

Senior Research Assistants:
O. Ayoko, BA(Ed)(Hons), MA(Ed)

Communication Centre

Director: Associate Professor H.A. Stevenson, MA Hawaii, FPRIA, APR
Senior Research Fellow:
T. Mandeville, BSc Alberta, MEc UNE, PhD Qld
Research Associates:
D. Anthony, BEd Canberra, PGDip(App Econ) Qld
J. Lennie, BA, Grad Dip, MBus

Faculty of Education

Dean: Emeritus Professor A. Cumming, MA(Hons) Auck, PGCE Lond, PhD Otago, FRHistS
Assistant Dean: R.J. Hardingham, BSc DipEd BEd MEdAdmin PhD Qld, MACE
Faculty Administration Manager: J. Zahmel, BBus MEd

School of Cultural and Policy Studies

Head of School: Associate Professor Brigid Limerick, BA BEd(Hons) WirW, UEd Natal, PhD Qld
Professor: N. Kyle, BA(Hons) PhD N'cle
Associate Professors:
E.L. McWilliam, DipT KGCAE, BA MESt PhD Qld
S.C. Taylor, BSc(Hons) DipEd Leic, BEd(Hons) PhD James Cook

Senior Lecturers:
J.M. Brannock, BA DipEd MLitSt PhD Qld
N. Cranston, BSc BRdSt MESt Qld, MPubSectMgt Griff., FACE, MACEA
L.J. Daws, BA BEd DipEd Monash, MESt(Hons) NE, PhD Qld
M.J. Henry, BA Melb., MA LaT.
A.R. Hudson, BA(Hons) DipEd MA WI, MA HK, GDMedia AFTRS PhD Qld

Lecturers:
P.S. Inglis, CertT KPCA, CertStaffDev Sur, BTh BCT FCollP BEdStud MESt PhD Qld
D.A. Meadmore, DipT KGCAE, BEd Brisbane CAE, MEdSt PhD Qld
P. J. Meadmore, BA BEd MEdSt Qld
E.M. Neill, DipT KPCAЕ, BEdSt MEdSt PhD Qld
P.C. O’Brien, BA Griff., GD Teach(Sec) BCAE, MEdSt Qld
C.D. O’Farrell, BA(Hons) NSW, DESU University of Paris VIII Vincennes, PhD ANU
C.T. Symes, BEd(Hons) S’ton, PhD W’gong
G.W. Tait, BSc(Hons) Liv., BMHMS Qld, MA York, PhD Griff
Associate Lecturer:
B. Burnett, DipT Brisbane CAE, BEd MEd(Admin) Deakin

School of Early Childhood

Acting Head of School: G.L. Halliwell, CertT KGCAE, DipT(EC) Brisbane KTC, BEdSt Qld, MSc Ill., PhD Qld
Associate Professors:
H.A. Mohay, BSc(Hons) Leicester, DipAppPsych Liverpool, PhD Qld, MAPS, ABPS
S.K. Wright, BEd MEd Alta, PhD N’c’le (NSW)
Senior Lecturers:
B.A. Piscitelli, BA Keuka, MEd Antioch, PhD James Cook
N.J. Yelland, CertEd BEd(Hons) Exeter, GDIUC South Australia CAE, MEd Flin., PhD Qld, MACE
Lecturers:
C.J. a’Beckett, DipKT Melb.TC, GDESt IECD, BA(Hons) Qld
D.C. Berthelsen, DipT Kedron Park CAE, CertSpecEd Mt Gravatt CAE, BA(Hons) MAppPsych Qld, PhD
A.M. Bower, CertT Switz, GDESt Melb., BEd James Cook, MEdSt PhD Qld
B.J. Broughton, CertT KGCAE, CDTRT, DipT(EC) Brisbane, KTC, BEdSt MEdSt Qld
B.E. Burdon, DipT Christchurch, BA Vict., MA Massey, MEd Harvard, PhD Flinders, MAPS
C.R. Campbell, CertT Kelvin Grove CAE, Dip ANZATVH, BA MEdSt Qld, GDE(RE) McAuley, PhD Qld
S.J. Danby, DipT Brisbane CAE, BEdSt Qld, MEd Loyola, PhD Qld
M.A. Farrell, DipT(EC) Brisbane KTC, BEdSt MEd PhD Qld, MACE
D.E.S. Gahan, DipT(EC) Brisbane KTC, BA Qld, MEd Ill
S.J. Grieshaber, DipT Mt Gravatt CAE, BEdSt Qld, MEdSt Qld, PhD James Cook, MACE
K.A. Irving, BA(Hons) PhD Qld
J.M. McDonell, DipKTC Brisbane KTC, BScEd Mills Coll. (NY), MScEd Banks St Coll (NY)
D.L. Nailon, CertT Kedron Park CAE, DipT(EC) Brisbane KTC, BEdSt MEd Qld
R.A. Perry, DipT Brisbane KTC, DipAdvStEd/EC Melb, BEdSt MEd PhD Qld, AMusA
Associate Lecturers:
D. Leclercq, DipT Kelvin Grove CAE, BEd Mt Gravatt CAE, MEd, PhD
J.M. Davis, DipT Townsville, BSc MEnvirEd Griff
C. Diezmann, DipT Nth Brisbane CAE, BEd Nth Brisbane CAE, MEd
A. Kelly, DipT Brisbane CAE, BEd MEd
C. Wedell, DipTeach CIE, BEd GradDipEc BCAE, MEdSt Qld

School of Language and Literacy Education

Head of School: Associate Professor W.T. Corcoran, BA DipEd Qld, MLitt NE, MA PhD Alta.
Professor: C.J. Lankshear, MA(Hons) PhD Canterbury (NZ)
Senior Lecturers:
E.V. Burke, MA Lanc, DipTESL Trinity College, PhD MSU
G.L. Chapman, BA Sydney, BLS Br Col, ALIA, MACE
L.L. Gerot, BA Iowa, MA(Hons) PhD Macq
K.M. Mullan, DipT Mt Gravatt CAE, GDT-Lib KGCAE, BEdSt MEdSt Qld, PhD James Cook
P. McKay, BEd SACAE, MA ASU, PhD Qld
W.R. Morgan, BA BA Canton(NZ), MA C’nell, GDEd Gippsland, PhD Deakin
J.L. Talty, BA Sydney, MA Macq.
Lecturers:
M.J. Carr, BA(Hons) Birmingham, GradDipEd, PhD James Cook
G.E. Castleton, CertT Kedron Park CAE, BEd South Australia CAE, BEd South Australia CAE, MEd(Hons) NE, PhD Griff
J.C. Crawford, BA DipEd MEd Syd, L-es-L Lille, DipPhonApp Paris, GDEd(TESOL) SACAE
D.S. Green, BA DipEd Monash, TPTC Vic., MA Qld
A. Healy, BSc Melb, BEd MEd Tasmania
M. Knobel, DipT DDIAE, BEd UCSQ, MEd USQ, PhD
L.J. Linning, BA(Hons) BEdSt Qld, MEd
C. Richards, BA Qld, BA (Hons) GDE PhD Griff
A.L. Russell, BA Adel, DipTTech South Australia CAE, MS PhD Oregon, ALIA, MACE
J. Spreadbury, CertT Kelvin Grove CAE, BA MLItSt PhD Qld, FTCL, LTCL, ATCL, ASDA, MACE

School of Learning and Development

Head of School: Professor G.M. Boulton-Lewis, CertT NSW, MEd Canberra CAE, BA PhD Qld, FACE
Associate Professor: J.A. Clarke, BSc BEd MEdSt PhD Qld

Senior Lecturers:
P.C. Burnett, DipT Kelvin Grove CAE, BEdSt MEdSt Qld, DipApp Psych Flin., PhD Ohio
W. Patton, BEd James Cook, BA(Hons) PhD Qld
H. Pillay, BEd MA S.Pac., MSc PhD NSW
D.J.H. Smith, BA(Hons) UED BEd Natal, MEd Monash, PhD Qld

Lecturers:
A.M. Burton, CertT Kelvin Grove CAE, BEd MEdSt DipPsyc Qld, MAPsCSC
K.J. Campbell, BSc(Hons) Southampton, DipEd Tas, PhD ANU
S. Carrington, DipT Griff, BEd JCU, MEd JCU
J.P. Fanshawe, BA BEd MEdSt Qld., PhD BTh BCT, MAPS MACE
N. Purdie, DipPE, BEd, MEd, PhD UWA
E. Templeton, CertT Kedron Park CAE, BA MEd Maryland, PhD

Associate Lecturers:
K. Tait, DipT Mt Gravatt CAE, BEd Brisbane CAE, MEdSt Qld
J. Brownlee, DipT Brisbane CAE, BEd Mitchell CAE, MEd
C. Eastwood, DipT Brisbane CAE, BEd MEd PhD
L. Gilmore, BA BEdSt MPSyChEd Qld, MAPS

School of Mathematics, Science and Technology Education
Head of School: Associate Professor T.J. Cooper, BSc(Hons) DipEd PhD Adel.

Associate Professors:
L.D. English, DipT BEd MEd Kelvin Grove CAE, PhD Qld
K.B. Lucas, BSc MEd Syd, DipEd NE, MSc Macq, PhD Indiana
C.J. McRobbie, BSc BEd Qld, MSc Pacific, PhD Monash, MACE, MRACI

Senior Lecturers:
W. Atweh, BSc DipT MSc Amer U of Beirut, BA Qld, PhD Wis
A. Cook, BSc PhD Lond, MEd Tor
J.H. Dooley, MSc BEd PhD Qld
I.S. Ginns, MSc DipEd Syd, PhD Manit.
C.J. Irons, MA ‘Ton (Iowa), PhD Indiana
P.C.M. Kendal, BA AEd MLitt St Qld, MLitt NE, MSc Griff, GDcompEd Brisbane CAE, MACE
R.A. Nason, CertEd NCAE, BEd MEdSt Qld, PhD Deakin
P.G. Shield, DipEd BEdSt Qld, MAppSc QIT
J.J. Watters, BSc(Hons) Qld, GEdEd Canberra CAE, PhD Griff, MEd(Hons) NE, MRACI

Lecturers:
J. Broadfoot, BSc MSc CertT
K.J. Garrad, BEd KGCAE, MlnfoTech
R.R. Irons, BA Wis., MEd Indiana
R.F. Peard, BSc Qld, MEd Br.Col., PhD Deakin
M.C. Ryan, DipT Mt Gravatt CAE, BEd GDcompEd MEd Brisbane CAE
M.J. Shield, BSc DipEd BEdSt MEd PhD Qld
D.F. Tulip, BSc BEd MEdSt Qld, MACE
M.L. Williams, BA AppSc QIT, DipEd Qld, GDcompEd Brisbane CAE MEdSt Ed Deakin

Associate Lecturers:
A. Baturo, CertEd DipT KGCAE, MEd(Maths) PhD
J. Masters, DipT Wait, GDCmpEd
J. Stokes, DipT Brisbane CAE, GDCmpEd Griff, MEd

School of Professional Studies
Head of School: Professor B.C. Hansford, BCom BEd Melb, MEd Calg, PhD NE

Associate Professors:
R.G. Elliott, BSc BEd(Hons) PhD Qld
B. Delahaye, BBus QIT, MBA Qld, PhD Griff, CMAHRQ, AIMM
R.R. Ballantyne, BA(Hons) UED MA Natal, PhD CapeT

Senior Lecturers:
M.F. Fogarty, BEd BA MPubAdmin Qld, PhD Griff.
L.A. Kirkwood, BCom BEd MEdSt Qld, AAUQ (Prov)
J.G. Lidstone, CertEd Durtb, BSc(Econ)(Hons) AdvDipEd MA PhD Lond, FRGS
R.A. Lundin, BEd BrCol, MEd Qld, PhD Monash
I.G. Macpherson, BA BEd MEdSt Qld, PhD PennS, MACE
C.R. Velde, DipT (Adult Further Ed) BEd South Australia CAE, MEd (Admin) PhD Flin
J.W. Whitta, BEd(Hons) MEd Qld, MEdAdmin NE, GDEd Armidale, MACE
P.S. Wilson, CertT Kelvin Grove CAE, BA BEdSt Qld, PhD Ohio S
C.A. Yarrow, CertT Kedron Park CAE, AEd BEd BA Qld, MEd Canberra, PhD Qld, MACE

Lecturers:
T.L. Aspland, DipT Kedron Park CAE, CertSpEd Mount Gravatt CAE, BEdSt BA Qld, MEd Deakin
R.G. Cope, CertT Sydney TC, BEd(Hons) James Cook, MEdSt Qld, PhD
L. Ehrich, DipT BEd Brisbane CAE, MEdAdmin Qld, PhD
B.A. Hoepper, BA BEd MEdSt Qld
J.S. Miles, BA DipEd Qld
J. Millwater, CertT DipT BEd North Brisbane CAE, MEd NE
C.M. Proudford, BA DipEd Qld, MEd PhD NE
D.J. Stewart, DipT NZ, BA Otago, MA Auck., MEdAdmin NE, PhD
H.L. Thomas, BA BEd MESt Qld
M.B. Wilkinson, CertT Kedron Park CAE, BA Qld, MEd Canb, PhD Qld
E.A. Woodward, DipT BEd Brisbane CAE, BCom Qld
Associate Lecturer: A. Mylonas, DipT Brisbane CAE, BEd, MEd

FACULTY OF HEALTH

Dean: Professor K. J. Bowman, MScOptom Melb., LOSc, FAAO
Academic Adviser to the Dean: M.L. O’Connor-Fleming, DipT, BEd Kelvin Grove, MA Ohio S, PhD Qld
Faculty Administration Manager: M. Rimland, BA Qld
Health Project Manager: C Cliff, BSc ANU, PhD Keele, CChem, DipEnvStud Macq.
Centre for Indigenous Health Education and Research
Lecturer:
B. Meiklejohn, RGN, RMN, GradDipHlthProm R. Alati, GradDipAbStudies Bologna Y. Cadet-James, RN, RM, DipAppSc(Nurs), BNurs, GradDipEd(Adult) NTU, FRCNA

School of Nursing
Head of School: Vacant
Professor: M. Courtney, BAdmin(Accounting) Griff., MHP UNSW, PhD UNE, RN, FRCNA NSW
Associate Professor: P. Morrison, BA(Hons) Wales, PhD CNA, RMN, RGN, PGCE Wales, CPsychol, AFBPsS
Senior Lecturers:
D.J. Anderson, RN, BA Qld, GDNursST Armidale, MNurs Flin.
A. Cushing, RN, DipEd Melb., BA(Hons) PhD Monash
H. Edwards, RN, DipAppSc QIT, BA(Hons) PhD Qld, FRCNA
D. Gaskill, RN, BAppSc, GradDipHSc WAIT, MAppSc Curtin
T. Meehan, RN, DAppScNurs, BIIthSC, MScSc Qld, MPH, G Dip(Data Analysis), FANZCMHN
R.E. Nash, RN, DipAppSc QIT, BA Qld, MHlthSc Charles Sturt, FRCNA
R.N. Thornton, RN, DipNursEd Cumberland, GradDipAdmin Kuring-gai, BEd S.Aust.CAE, GradDipCLNutrition IAN, MHPEd UNSW, FRCNA
P. Yates, RN, DipAppSc QIT, BA, MSocSc Qld, FRCNA

School of Human Movement Studies

Head of School: Professor A.W. Parker, MSc PhD Oregon, FASMF
Associate Professors:
A.P. Hills, BEd Tas., MSc Oregon, PhD Qld
P.S.W. Davies, BSc ANU, PhD Qld

Senior Lecturers:
K. Gilbert, CertEd Exe., BEd S.Aust.CAE, BPE WA MESt Melb., PhD Qld
G. Kerr, NZCS, BSc MPhEd Otago, PhD W.Aust.
J.E. Smeathers, BSc(Hons) PhD Reading
C. Worringham, BA Birm, MA Calif, PhD Wis.

Lecturers:
B. Boyd, CertT Kedron Park, DPE BHMS Qld, MEnvComH Griff.
R Brooker, BHMS Qld, GradDipEd MEd St, Qld
G. Costin, CertT Kedron Park, DPE Qld, BA MESt James Cook, EdD, MACE
T. Cuddihy, DipT Kelvin Grove, BEd MHMS Qld PhD Arizona
P. Dickson, DipT Kelvin Grove, DPE Qld, BEd Capricornia
S. Jackson, BEd(Hons) Syd., MSc Ill., PhD North Carolina – Greensboro
M. McDonald, DipT DPE Otago, MHK Wind, PhD
C. O’Brien, CertT DPE Syd T.C., BHMS(Hons) MHMS PhD Qld
D. Rowbottom, BSc(Hons) Birm., PhD W.Aust.

School of Indigenous Health and Research

Lecturer:
B. Meiklejohn, RGN, RMN, GradDipHlthProm R. Alati, GradDipAbStudies Bologna

Lecturers:
M. McDonald, DipT DPE Otago, MHK Wind, PhD
C. O’Brien, CertT DPE Syd T.C., BHMS(Hons) MHMS PhD Qld
D. Rowbottom, BSc(Hons) Birm., PhD W.Aust.

School of Nursing
Head of School: Vacant
Professor: M. Courtney, BAdmin(Accounting) Griff., MHP UNSW, PhD UNE, RN, FRCNA NSW
Associate Professor: P. Morrison, BA(Hons) Wales, PhD CNA, RMN, RGN, PGCE Wales, CPsychol, AFBPsS
Senior Lecturers:
D.J. Anderson, RN, BA Qld, GDNursST Armidale, MNurs Flin.
A. Cushing, RN, DipEd Melb., BA(Hons) PhD Monash
H. Edwards, RN, DipAppSc QIT, BA(Hons) PhD Qld, FRCNA
D. Gaskill, RN, BAppSc, GradDipHSc WAIT, MAppSc Curtin
T. Meehan, RN, DAppScNurs, BIIthSC, MScSc Qld, MPH, G Dip(Data Analysis), FANZCMHN
R.E. Nash, RN, DipAppSc QIT, BA Qld, MHlthSc Charles Sturt, FRCNA
R.N. Thornton, RN, DipNursEd Cumberland, GradDipAdmin Kuring-gai, BEd S.Aust.CAE, GradDipCLNutrition IAN, MHPEd UNSW, FRCNA
P. Yates, RN, DipAppSc QIT, BA, MSocSc Qld, FRCNA

Lecturers:
M. Barnes, RN, BEd (Nurs) ACAE, MA(Sociology) UNSW
A. Barnard, RN, BA, MA Macq, PhD UNE, MRCNA
D. Collins, RN, DipAppSc (NEd), BA Qld, BAppSc QIT, MPH Qld
R. Elder, RN, BA(Hons) Qld
B. Fentiman, RN, DipAppSc BAppSc QIT, MEd, FRCNA
J. Foster, RN, Renal Cert DipAppSc(NEd), BNurs M. Harris, RN, DipComHlthNurs WAIT, BBus(Hlth Admin) QIT, MSc Griff, AFACHSE
L. Humphreys-Reid, RN, DipAppSc, BNurs, GradDipHlthEd, MHSc
U. Kellett, RN, BA(Hons) Liv, MNurs, PhD LaT.
J. Mannion, RN, DipAppSc (Community), BAppSc (Nurs), GradDipAppSc (Counselling) MHA UNSW, FRCNA
H. McCosker, RN, EM, BappSc (Nurs), MNurs, GradCert (Higher Ed)
S. Smith, RN, BNurs (Nurs), MSocial Planning & Development (Cardiothoracic), FRCNA
F. Sanders, RN, DipAppSc ComNurs Lincoln, BA MSocPlanDev Qld, FRCNA
K. Theobald, RN, BAAppSc (Nurs), MHlthSc (Nurs), GCert (Higher Ed)
C. Windsor, RN, BA(Hons) Griff.
J. Wollin, RN, DipComHlthNurs, BA (Soc Studies) Gippsland, MAppSc (Rsch) FRCNA
F. Hammond, RN, EM, 1c Cert, DPSN Buckinghamshire, PGCEA Surrey, MSc(Nursing) Lond.

Associate Lecturers:
J. Barr, RN, BN(Hons) Deakin
M. Mitchell, RN, RM, CHN, BN(Hons)
L. Mungomery, RN, BNurs
H. Nutter, RN, DipAppScClinNsg, BAppSc

School of Optometry

Head of School: Professor L.G. Carney, BAAppSc MSc(Optom) PhD Melb., LOSc, FAAO

Associate Professors:
D.A. Atchison, MSc(Optom) PhD Melb., FAAO
J. E. Lovie-Kitchin, MSc(Optom) Melb., GradDipRehab LaT., LOSc PhD, FAAO
P. G. Swann, BSc(Hons) Aston, MAppSc, FBCO, FAAO
M. J. Collins, DipAppSc QIT, MAppSc, PhD FAAO

Senior Lecturer:
J. M. Wood, BSc(Hons) PhD Aston, MBCO, FAAO

Lecturer:
J. D. Bevan, DipAppSc QIT, GradDipHlthEd Brisbane, MSc Griff.

Clinic Administrator: V. Shuley, BOptom UNSW

School of Public Health

Head of School: B.F. Oldenburg, BSc(Hons) MPsyCh PhD UNSW

Associate Professors:
M. Capra, MSc Syd, PhD Otago
D. Stewart, BA(Hons) Durh, MA(Ed) Leic, PGCertEd Oxf., MPH UNSW, PhD Otago

Senior Lecturers:
S. Capra, BSc(Hons) DipNutDiet Syd, MSoCSc Birm, PhD Qld
A. Crawford, TeachCert Manc, BEd MEd Brisbane, MAPodA(Hons) DipPodMed UK
M.P. Dunne, BA(Hons) PhD Murdoch
T. Farr, BDesSt Qld, GradDipOHS Curtin, MHlthSc
P. Hindson, BEd Syd, MPH Calif-Berkley
C. Jehne, BA, BSc(Hons) UNSW, GradDipEd(Tert) Darling Downs, BA MEdAdmin Qld, GradDipAppLing, MA Griff.
E. Parker, BA, MSocWk, Ed Uni Tor

C. Patterson, MSc, PhD Qld, GradDipBusAdmin QIT.
L. Short, Cert DT, Dip CH, BA W’gong, MHP UNSW

Lecturers:
P.J. Anderson, BHMS Qld, GradDipHlthSc
P.J. Bennett, DipAppSc(Pod), SAIT, PostGradDipHlth Curtin, MPH Qld, MAPodA
M. Cook, BOccThy(Hons) Qld, GradDipOHS, MHSc
J. Di Donato, BBus (Hlth Admin) QIT, MBA
K. Lee, BSc MPH Seoul, MSc Mich, DSc Harv.
A. Moor, BSc Nott, GradDipDiet Lond, MHlthSc
S.A. Naqvi, BS(Mech Eng) NEDUKar, MhdEng MissSU, PhD (Ergonomics/OHS) WestVirU
J. Nicol, BBus(Health Admin) MPH
L. Reed, DipAppSc (POD) QIT, MHsc (Pod)
M. Service, BEd, DipT Brisbane, MEdSt Qld
T. Strickland, AssocDipHlthSurv QIT, BAAppSc(EnvHlth) UWS, GradDipOHM Ballarat

M. Stoneham, AssocDipHlthSurv QIT, GradDipOHS, MEnvCommHlth Griff, GradDipHlthEcon Mon
D. Stormont, BSc(Hons), MSc Qld, GradDipNutDiet QIT
S. Urry, DPodM, FChS, Cardiff
G. van der Heide, BSc(Hons) UNSW, MEd Canb.
D. Vine, BBus(HlthAdmin), MA Griff.
S. Wilson, DipT, GradDipHlthEd BCAE, MEdStudies Qld
M. Wingett, EdD, MEd Charles Sturt

Associate Lecturers:
D. Angell, AssocDip(Hlth Sur) QIT, GradDip(Man) CQU
G. Kerr, BSc Qld, GradDip(Nut&Diet)
J. Payne, BSc Bris, GradDip(Nut&Diet), Cert FSA

Centre for Public Health Research

Research Director: Prof Brian F. Oldenburg, BSc(Hons) MPsyCh PhD UNSW

Postgraduate Research Studies Director: Dr Carla Patterson, MSc, PhD Qld, GradDipBusAdmin QIT

Research Fellows:
S. Tong, BMed, MMed China, PhD Qld
N. Burton, BSc(Hons) Qld, MPsyCh(Clinical) Qld, GCertHigherEd Griff
P. McGrath, BSoCWh Qld, MA, PhD Qld
J. Nicholson, BSc Otago, BSc(Hons) VUW, MSc Canterbury, PhD Qld
G. Turrell, BA BCAE, MQual Qld, PhD Qld
E. Schulz, MBBS Qld
FACULTY OF INFORMATION TECHNOLOGY

Dean: Professor K.J. Gough, MSc PhD Well., FNZEI, MIEEE, MACM, MACS

Assistant Dean (Postgraduate): R.W. Smyth, BA DipEd DipInfProc Qld, MSc Aston, MACS

Assistant Dean (Undergraduate): M.G. Roggenkamp, BEd James Cook, DipCompSc MScSt Qld, MACS, MACM, AIEEE

Administration Manager: M. McDowell, BA BEcon Qld, BSc(SocSc) Brist., GradDipBus(Mgt) Monash

School of Computing Science

Head of School: Associate Professor G.M. Mohay, BSc(Hons) W.Aust., PhD Monash, MACS, MACM, MIEEE

Professor of Neurocomputing: Professor J. Diedrich, Habil(CompSc) Hamburg, MA(Research) Muenster, PhD Bielefeld

Associate Professor: C. Szyperski, Dipl.-Ing(EECE) RWTH Aachen, Dr.Sc.techn.Eth (CS) ETH Zurich, ACM, SI, MACM, MSI

Senior Lecturers:
P.T.J. Cattell, BSc BEd DipCompSc Qld, MSc Essex, MACS
J.D. Day, BE(Hons) Syd., GDCompSc MEngSc PhD Qld, MACS, MACM
G.D. Finn, BSc(Hons) PhD Qld, MS Hawaii, IAU
S. Geva, BSc Hebrew, GradDipComp QIT, MAAppSc, PhD, MIEEE
J.R. Hynd, BSc(Hons) Qld, PhD Syd., MACS, MACM
M.G. Roggenkamp, BEd James Cook, DipCompSc MScSt Qld, MACS, MACM, AIEEE
J. Sitte, MSc USV (Venezuela), PhD Uppsala, MINNS, SMIEEE

Lecturers:
P. Bancroft, CertT Kelvin Grove, BSc MScSt PhD Qld, GDCompSc QIT, MACM
T.A. Chorvat, BMaths(Hons) W'gong, PhD Qld
R.J. Christie, DipT N’cle CAE, BA DipCompSc NE, MAAppSc
J.M. Hogan, BSc(Hons) Qld
J. Holford, BAppSc(Physics) GradDipCompSc QIT, DipEd Qld, MAAppSc(Comp)
C.J. Ho-Stuart, BSc(Hons) Melb., PhD Monash
W. Kelly, BSc(Hons) Qld, Ms PhD Maryland, MACM
F. Maire, MSc ENSI Bordeaux, MSc(Pure Maths) PhD Paris
H.L. Morarji, BE(Hons) MSc Cant., PhD Kent, CEng, MBCS, AFIMA, MACS
A. Rhodes, BAppSc(Comp) QIT, MAAppSc(Comp)
P. Roe, MEng(Hons) York, PhD Glas., MACM
R. Thomas, BSc Trin.W., APDA, MACM

Associate Lecturer: D. Taylor, BSc Qld, MSc Virginia

School of Data Communications

Head of School: Professor W. Caelli, BSc(Hons) N’cle(NSW), PhD ANU, FACS, FTICA, MIEEE

Professor: D. Longley, BSc(Physics) Manc., MSc(Tech) UMIT, PhD Leic., CEng, FIEE, FAIM

Senior Lecturers:
C.A. Boyd, BSc PhD Warwick, AFIMA
B.M. Broom, BSc PhD Qld, MIEEE
M. Looi, BEng(Hons) BA dipCompSc(Comp) PhD, MIEEE, MACS, C.DEC
A.B. Tickle, MSc DipCompSc Qld, GradDipMgt Capricornia, PhD

Lecturers:
P. Ashley, BEng BAAppSc(Comp), MIEEE, MACS, MACM
L. Nielsen, BAppSc(Maths) MSc(Res) Project
N. Richter, BEng Syd., BA MEngSc DipCompSc Qld
D. Rolf, BSc N’cle(UK), PhD Leic.
S.V. Russell, BE(Elect)(Hons) DipCompSc MEngSc Qld, PhD, MIEEE, MACM, MSIAM, MIEECS
L. Thater, BSc CSUS, MBA GGU, MACS, MIEEE
M. Wark, BE(Elect)(Hons) Qld, MTech Brunel, PhD UNSW, MIEEE

Associate Lecturer: E. Foo, BE(Hons) Qld

School of Information Systems

Head of School: Associate Professor B.A. Underwood, BBus QIT, MS(MIS) TexasTech, MBA Qld, PhD, FACS, PCP

Associate Professor: G. Gable, DipComSys NAIT, BCom Alta, MBA W.Ontario, PhD Brad., ACS, AIR, IRMA

Senior Lecturers:
A.M. Anderson, BSc MInfSys Qld, PhD, MACS
H.H. Bentley, CertEd Exe., BSc(Hons) Manc., MSc Qld, MACS, MACM
A. Bouguettaya, BSc Annaba, MSc PhD Colorado, MACM, MIEEE
M.R. Middleton, BSc W.Aust., MScSoc DipLib GDHumanComm UNSW, GradCertEd(HigherEd), ALIA
M. Orlowski, MSc Warsaw, PhD PAN
R.W. Smyth, BA DipEd DipInfProc Qld, MSc Aston, MACS

Lecturers:
D.F. Abercrombie, BSc DipCompSc Qld, MBA, MACS, MQSCL
R.D. Andrews, DipT Kelvin Grove, BEd Brisbane, GradDipComp MInfTech
C. Bruce, BA Qld, GradDipLibSc
MEd(Research), PhD, ALIA

P.D. Bruza, BSc Qld, MSc PhD Nijmegen,
MACM, MACS

T. Chan, BSc(Hons), MSc PhD Singapore

D. Edmond, BSc(Hons) Edin.

K. Ling, BSc Melb., MCom UNSW

S.W. Milliner, BSc DipEd Qld, GDCompSc
MACM, ALIA, AAIM, IIMC

A. ter Hofstede, MSc PhD KUN

C. Tilley, BA(Hons) MA Qld, DipContEd NE,
GradDipLibSc QIT, ALIA, AAIM, IIMC

A. Wheeldon, BSc N’cle(UK), MInfSys
Curtin, MACS

Associate Lecturers:
P. Bhandari, MSc Bhav., GradDip Bda., MTech IIT.

N. Dunlop, BIT(Hons) Qld, MACS

S. Chen, BCompSc Shenzhen, BCompSc(Hons) Griff.

S. Edwards, DipLib RMIT, AALIA

P. Koutouridis, BA PgDipEd AppComp Qld

R. McArthur, BSc(Hons) ANU,
GCertEd(HigherEd) MInfTech, MACM

Information Security Research Centre

Director (Acting): Associate Professor E. Dawson,
BSc DipEd Wash., MA Syd., MLittSt MSc Qld,
PhD, FTICA, MIEEE, MCMSA, MIACR

Dean: Professor M. Cope, BA(Hons) LLM Qld.,
Barrister

Director, Teaching and Learning: Associate Professor G.R. Clarke, BA LLB (Hons) LLM Qld, LLM Bond, Barrister

External Studies Facilitator: F.A. Martin, LLB(Hons) UTS, LLM (Hons) Syd, Solicitor

NSW

Faculty Administration Manager: W.A. Smith, BA(Hons) Syd, GradDipCourt& Parliamentary Reporting Camb.

Assistant Dean, Research and Postgraduate Programs: D.A. Butler, LLB(Hons) QIT, PhD Solicitor (Qld & High Court of Australia)

Assistant Dean, Postgraduate Programs: Professor W.D. Duncan LLB Qld, LLM Lond.

Director, Research in Programs: Associate Professor B.T. Horrigan, BA LLB Qld, DPhil Oxon, Solicitor

Director, Centre for Commercial & Property Law:
Professor B. Collier, BA LLB Qld, LLM Melb.

Professors:
S.G. Corones, BCom LLB Qld, LLM Lond., PhD Qld, Solicitor (Qld, England and Wales)
P. von Nessen, BA Durh, JDCol, LLM(Hons) Camb.

Senior Research Assistant: A. Stickley, LLB GradDipLegalPrac

Research Fellow: Dr H. Patapan, BEcon, LLB Qld, MA PhD Toronto

Law School

Associate Dean: P.V. Tahmindjis, BA LLB Syd LLM Lond, JSD (Dalhousie), Barrister (NSW)

Professor: D.E. Fisher, MA LLB PhD Edin, Solicitor (Scotland)(Qld)

Associate Professor: J.K. de Groot, BA LLB PhD Qld, Solicitor

Principal Lecturer: C.A.C. MacDonald, BA, LLB Qld LLM Lond, Solicitor

Senior Lecturers:
S.A. Christensen, LLB(Hons) LLM, Solicitor
S.E. Colbran, BCom(Hons) LLB(Hons) Qld

LLM(Hons), Solicitor (Qld, High & Federal Courts of Australia)

I. Davies, LLB(Hons) GradDipLegalPrac QIT, LLM Qld, Solicitor

G.A. Egert, BA/LLB(Hons) LLM Qld, Barrister

G.E. Fisher, BA(Hons) LLB(Hons) Qld, BCL(Hons) Oxon.

S.C. Fisher, LLB(Hons) NSWIT LLM, Barrister & Solicitor (ACT), Solicitor (NSW, Qld & High Court of Australia)

S.M. Jackson, LLB(Hons) LLM Qld, Solicitor

W. Lane, LLB Syd, LLM Melb, Solicitor (NSW)

A.I. MacAdam, BCom LLB(Hons) Qld, LLM(Hons), Barrister

P.J.M. MacFarlane, BA Flin, BLegS Macq., LLM Syd, Barrister

G.I. Mackenzie, LLM Qld, Solicitor

R.J. Sibley, CertEng LLB (Hons) LLM Qld,
Barrister (Qld, HCA)

H.M. Stacy, LLB GradDipLegalPrac Adel., PhD Qld, Barrister & Solicitor (SA), Solicitor (NSW), Barrister (Qld, Inner Temple, England & Wales)

A.E. Wallace, LLB(Hons) Qld, LLM Monash,
Solicitor

L. Willmott, BCom LLB Qld, LLM Camb,
Solicitor

I.A. Wilson, LLM Melb, Barrister & Solicitor (Vic), Barrister (Qld)

L.G. Wiseman, LLB(Hons) GradDipLegalPrac LLM Lond, Solicitor
Lecturers:
E. Barnett, BA LLB(Hons) Qld GradDipLegalPrac QIT GradDipLibSc, MLP
T.L.C. Cockburn, BCom LLB(Hons) Qld LLM, GradCertEd (HigherEd), Solicitor (Qld & High Court of Australia)
F. Hannah, BEcon DipEd BCom LLM Qld, LLB(Hons), Barrister (Qld and High Court of Australia)
W.E. Harris, LLB(Hons) LLM, Solicitor
T.C.M. Hutchinson, BA LLB Qld, DipLib UNSW, GradDipLegalPrac MLP
S. Kift, LLB(Hons) Qld, Barrister (Qld, High and Federal Courts of Australia), Solicitor & Solicitor (NT Supreme Court)
M. Leiboff, BA Qld, GradDipT Kelvin Grove CAE, MA(Theatre Studies) NSW, LLB(Hons), LLM London, Barrister (Qld Supreme Court)
R.M. Macdonald, BA LLB (Hons) Qld, GradDipLegalPrac LLM, Solicitor
F.A. Martin, LLB(Hons) UTS, LLM(Hons) Syd, Solicitor (NSW)
D.P. McGill, BA LLB(Hons) LLM Qld, Barrister
F.D. McGlone, DipED LLB Syd, LLM, Barrister (NSW)
G.E. Nisbet, BA BSocWk Qld, LLB(Hons) QIT LLM, Solicitor
J.R. Pyke, BSc LLM Syd, LLB UNSW, Barrister (NSW)
C.A. Rowell, LLB GDTech(Prim) Brisbane, Solicitor
M.J. Shirley, BA LLB(Hons) Qld, GradDipLegalPrac, Solicitor
H.M. Stacy, LLB GradDipLegalPrac Adel, PhD Qld, Barrister & Solicitor (SA), Solicitor (NSW), Barrister (Qld, Inner Temple, England & Wales)
P.L. Tan, LLB(Hons) Malaya, LLB (Hons), Advocate and Solicitor (Malaya), Barrister (NSW), Barrister & Solicitor (ACT), Solicitor (Qld)
S.J. Traves, LLB(Hons) LLM, Solicitor
S. Young, BA LLB(Hons), LLM, AMuSA, Solicitor

Associate Lecturers:
K. Reynolds, BA LLB Qld
E. Della Torre, BA (Hons), LLB Syd, GradDipPractLegTraining, Barrister and Solicitor (NSW)

Legal Practice
Assistant Dean: A.J. Chay, LLM Qld, Solicitor
Senior Lecturer: J. Pastellas, BA LLM Qld, GradDipLegalPrac QIT, Solicitor

Lecturers:
C. Ivey, Solicitor (Supreme Court)
K.F. Maxwell-Davis, GradDipLegalPrac LLM, Solicitor

Justice Studies
Director: Associate Professor S.D. Petrie, CertEd BEd (Hons) Leeds, PhD Qld
Deputy Director: G.J. Dean, BSW, MSW Qld
Senior Lecturer: G. Christie, DipT DipEd MA MEd Aberd, PhD

Lecturers:
B.J. Carpenter, BHMS (Hons) Qld, PhD Griff.
A.N. Chantler, NCA UK, GradDipTeach Kelvin Grove, BSc Qld, PhD Curtin, Dip C.H. Syd
S.M. Currie, BA LLB Qld, LLM, Barrister & Solicitor (ACT), Solicitor
R. Field, BA LLB (Hons) ANU, LLM (Hons), Barrister and Solicitor (ACT), Solicitor (QLD)
R. Hii, BA Essex, MSc Bristol, CQSW Southampton, CertEd London
B.A. Hocking, BA LLB DipGradLegalStud LLM
B.J. Mason, BA LLB (Hons) ANU, MPhil (Crim) Camb, Barrister & Solicitor (ACT), Solicitor (NSW)
C.S. Thorne, BA Qld, DipEdAdmin (Grad) MEd Griff., FBI NA
B.O. Wigan, BA JCU, DipMan, Dip OHSM MEd

Associate Lecturer:
C.A. Butler, BA LLB(Hons) Qld

FACULTY OF SCIENCE
Acting Dean: Professor G. George, BSc(Hons) PhD Qld, CChem, FRACI

Director of Academic Programs: A.T. Grenfell, BSc(Hons) DipEd PhD Qld
Director of Research and Postgraduate Studies: Professor A.C. Herington, BSc(Hons) PhD Monash, Director Centre for Molecular Biotechnology

Administration Manager: R. Olding, BSc(Hons) UNSW GradDipBusAdmin
External and International Relations Officer: Michael Crompton, BA Qld

Academic and Research Affairs Officer: Jane Vidgen, CLT CTC BA Qld GradDipPub Sector Mgmt Griff

School of Life Science
Head of School: Professor J.L. Dale, BScAgr PhD Syd
Professor: A.C. Herington, BSc(Hons) PhD Monash, Director, Centre for Molecular Biotechnology

Associate Professors:
J.A. Clements, BAppSc MApSc RMIT, PhD Monash
N.A. Marsh, BSc(Hons) Queen Elizabeth College, PhD Lond., Grad.Cert.Ed.(Higher Ed.)
C.P. Morris, BSc(Hons) PhD Adel.
P. Timms, MSc PhD Qld, FASM

Senior Lecturers:
D.J. Allan, QDAH(Hons) BSc(Vet) BVSc(Hons)
MB BS PhD Qld, MACVSc
D.E. Allen, BSc(Hons) Birm., PhD ANU, FRMS, AAIMLS
C. Dallemaneghe, MB BS Brussels,
GradDipTropMed Prince Leopold Institute Antwerp, PhD Qld, MPH Qld
R.M. Harding, BSc(Hons) PhD Qld., MASM
G.J. Kelly, BAgSc(Hons) PhD Syd., MAIBiol
T.P. Walsh, BSc(Hons) PhD Qld, MASMBMB
P.A. Wood, BSc(Hons) PhD Qld, FASM

Lecturers:
J.G. Aaskov, BSc Qld, PhD Leeds, FASM, FRCPath Lond.
A.J. Anderson, BSc(Hons) MSc Qld, PhD Griff.
H. Carberry, BAappSc(MLS) GradDipNutDiet QIT, GradDipMedicAFTRS
C. Collet, BSc(Hons) PhD LaT.
J.F. Coulson, BPharm(Hons) Lond., MPharm Qld, PhD Straith., PhC, MASMB
C.J. Craven, MSc Qld, MAACB, MAIMS
R.J. Epping, BSc(Hons) PhD ANU, MASMBMB, MABA
T.H. Forster, BAappSc MAappSc QIT, PhD Qld, MAIMS
P.M. Giffard, BSc(Hons) Qld, PhD Aberd., MASM
L.M. Hafner, BSc(Hons) PhD LaT., MASM
B.V. Harmon, BSc, MSc(Qual), PhD Qld
M.B. Harvey, BSc(Hons) PhD Qld
H.S.F. Loh, BSc NE, MASANZ
B.W. Macdonald, BSc(Hons) Qld, BAappSc, DMT
M. O’Brien, BSc(Hons) PhD Qld
M.B. Pledgerleith, BSc(Hons) Edin., PhD Bristol.
R.J. Sheedy, BSc(Hons) PhD Griff.
R.M. Sherrard, BSc(Hons) MB ChB PhD Sheff.
J.R. Simpson, BSc(Hons) PhD UNSW
B.G. Stevens, BSc(Hons) Qld

Associate Lecturers:
M.F. Bateson, BSc(Hons) PhD Qld
P. Cooke, BSc UNE, PhD ANU
M.H. Hargreaves, BSc(Hons) Qld, GradCertEd, MASM
F. Lawrence, BAappSc (MedLabSc)
D.Trezise, BSc, GDGT, GDProfMan, AssocDipComp, MEd

Operations Manager: P.B. Campbell, ADCLT, ADElect Eng.

□ School of Mathematical Sciences
Head of School: Professor A.N. Pettitt, BSc(Hons)
MSc PhD Nott., FSS, MSSAI
Professor: D.L.S. McElwain, BSc(Hons) Qld,
PhD York (Canada), Director, Centre in
Statistical Science and Industrial Mathematics
Associate Professors:
H. MacGillivray, BSc(Hons) PhD Qld, MSSAI
V.V. Anh, BSc(Hons) PhD Tas., MSc NE,
FAustMS, MSSAI, MIEE

Senior Lecturers:
E. Kozan, MSc Middle East, PhD Haceteppe
K.L. Mengersen, BA(Hons) PhD NE, GradCertEd (Higher Ed), MSSAI
I.W. Turner, BAappSc (Maths), MApappSc(Maths)
QIT, PhD Qld
R.C.L. Wolff, BSc(Hons) Qld, DPhil Oxon., FSS,
MSSAI
J. Wrigley, CertT Kelvin Grove, MSc MScSt Qld,
MLitt NE, PhD Wash.S., GradDipCompEd

Lecturers:
R.N. Buttsworth, BSc(Hons) BA(Hons) MSc
dipEd PhD Qld
C.C. Calder, BSc(Hons) MSc Lond.
A.R. Gover, MSc Cant., DPhil Oxon., Queen
Elizabeth II Research Fellow (ON LEAVE
UNTIL 2000)
H.M. Gustafson, BSc(Hons) DipEd NE, PhD
D. Huang, MSc PhD Beijing, MSSAI
M. Ilic, MSc Qld, PhD
I.F. Ogle, MSc NE, FQSA, FAOQ, FSS, MSSAI
G.J. Pettet, BSc DipEd BMath(Hons) PhD
N’cle(NSW), CertT NSW Dept Ed
E.M. Walker, BSc(Hons) Qld, MSc Oxon., AIA
Lond., AAIA

Associate Lecturers:
G.P. Carter, CertT Mt Gravatt, BSc MScSt Qld
P.F. Coutis, BSc(Hons) UNSW
T.W. Farrell, BSc BMath(Hons) N’cle(NSW)

□ School of Natural Resource Sciences
Head of School: Associate Professor D.A. Gust,
BA Lawrence, MA Rice, PhD ANU
Associate Professor: L.H. Hamilton, BE MSc
UNSW, PhD DIC Lond., FAIG, FAusIMM

Senior Lecturers:
C.R. King, ARCATS, BSc MSc Lond., PhD Qld,
MAIBiol
P.B. Mather, BBSc(Hons) PhD LaT.
J.C. Wilson, BAappSc QIT, MAappSc CBiol MIBiol

PhD Qld
G.H. Yezdani, BSc(Hons) MSc Sind, PhD
Monash, CBiol, MAIBS, MAIBiol
Lecturers:
N.D. Bofinger, BSc NE, PhD Qld, GDCompSc, CChem, MRACI
B.N. Cooke, CertT Kelvin Grove, BSc MSc Qld, PhD NSW
M.E. Cox, BA Macq., MS Hawaii, PhD Auck
A.G. Edwardson, BSc(Hons) Birm., BEd MEDSt Qld, MAIBiol
G. Huftile, BSc UC Davis, MSc PhD Oregon
M.E. Kimber, BEd MSc Qld, CChem, FRACI
S.C. Lang, BSc(Hons) PhD Qld
D.C. O’Connell, BSc DipEd Qld, MSc James Cook, BEd Brisbane, FGS(Lond.), FAIG
I. Williamson, BSc(Hons) Griff., PhD Flin.

Associate Lecturer:
D. Stuart, BAppSc(Hons) PhD Qld

School of Physical Sciences

Head of School: Professor J.M. Pope, BSc(Hons)
MSc Brist., DPhil Sus., FAIP

Professor: G. George, BSc(Hons) PhD Qld,
CChem, FRACI

Associate Professors:
P.M. Fredericks, BSc(Hons) DPhil Sus., CChem, FRACI, Director of Centre for Instrumental and Developmental Chemistry

Senior Lecturers:
R. Akber, BSc(Maths, Physics) MSc(Physics)
Punj., MSc(NucTech) Islam., PhD Adel., MSPERA, FARPS
D.P. Arnold, BSc(Hons) PhD Qld, CChem, FRACI
J.P. Bartley, MSc(Hons) PhD Auck., CChem(UK), MRSC, AAIFST
S.E. Bottle, BSc(Hons) Qld, PhD Griff
I.R. Edmonds, BSc MSc (Hons) Auck., PhD Warwick, MAIP, ISES
R.L.W. Frost, BEd MSc PhD Qld, CChem, MRACI, MCMS, MACMS
M.A. Harkness, DipAppSc, DMU, MBA, MAppSc, FIR, ASUM
S. Kokot, BSc(Hons) PhD UNSW, CChem, FRACI
P.A. Rowntree, DipAppSc(DiagRad)
GradDipEd(Tert) Darling Downs, FIR, RT(R), AISRRT
D.P. Schweinsberg, ASTC BSc UNSW, MSc PhD Qld, CChem, MRACI
G. Smith, BSc PhD Qld, DipIndChem
J. Wong, DipSc HK, MSc McG., PhD Sask., MAAPT, MAPS

Lecturers:
C. Baldock, BSc(Hons) Sus., MSc Lond, CPhys, MInstP, MIPEM
F. Carlisle, BSc(AustEnvStudies) Griff
B.H. Cornish, CertT KGAEC, BAppSc QIT, MAAppSc, GradDipBusAdmin, PhD, MAIP, MACE, MACPSEM
I.S. Costin, BSc(Hons) MEDSt PhD Qld,
DipTertEd NE, CChem, FRACI
I.R. Cowling, BSc(Hons) PhD Flin., MIES
G.K. Douglas, BSc(Hons) NE, PhD Tas., CChem, MRACI
S.W. Hughes, BSc(Hons) Queen Elizabeth College, Lond., MSc University College, Lond.
R.A. Johnson, MSc PhD Qld, MRACI
P.D. Killen, BSc(Hons) ANU, PhD Qld
G.J. Michael, BSc(Hons) PhD Qld, MAIP, MACPSEM
M.G. Oppelaar, BAppSc(MRT), MIR
F. Quintarelli, BSc(Ed) BSc(Hons) PhD Melb
D.S. Sagatys, BSc(Hons) Qld, PhD IIT
M. Selby, BSc(Hons) PhD UNSW, MRACI
B. Starkoff, MAppSc(MedUlt), FIR, ASUM, ASA
E. Wentrup-Byrne, BSc(Hons) NUI, PhD Lausanne, MRACI

Associate Lecturers:
S.J. Coyne, BSc Qld, MAppSc (MedPhys)
D.K. Gramotnev, MSc, PhD Moscow
D.J. Pearce, BSc(Hons) DipEd NE

Operations Manager: N.A. Seils, DipIndChem CTC
AUSTRALIAN CENTRE IN STRATEGIC MANAGEMENT

The Australian Centre in Strategic Management in the School of Management, Faculty of Business is a Centre of Teaching and Research established at QUT in 1989 under the Australian Research Council’s Key Centre program. It spans the industry/university boundary, working with business solutions to enhance organisational performance.

The Centre offers a broad range of client and information services to organisations.

- **Client Services**
  - Joint industry research in areas including
    - business leadership
    - human resource and knowledge management

- **Executive education**
  - providing in-house training
  - disseminating research findings

- **Information Services**
  - Working Paper Series
  - public seminars and research workshops

In addition, the Centre has an industry Partnership Program. This Program involves a more substantial relationship with the Centre and a greater scope of outcomes for the industry partner.

- **Partnership Program**
  - Benefits of partnerships include
    - involvement in research consortia
    - access to survey benchmark data
    - in-house dissemination and development
    - opportunity to meet and attract top students

- **Academic Staff**
  - ACSM core staff
    - Director: Professor Robert Waldersee, BA, MA(Psych) Syd., MA(ClinPsych), PhD UN-L
    - Principal Research Fellows:
      - Mark Shadur, BA(Hons), PhD ANU
      - Mark Griffin, BA Melb., DipEd LaT., GradDipPsych Melb.CAE., MEd Melb., PhD Penn.St.
    - Senior Research Fellow: Arthur Preston, BSc(Hons) ANU, MAdmin Griff., PhD Qld
    - Senior Research Assistants:
      - Remi Ayoko, BA(Ed)(Hons), MA(Ed)
      - A.Bello, MBA Qld, CertPersonnellMgt (BrightonTech.Coll., UK)
      - Shane Brown, BSc(Hons) Qld
      - Kellie Caught, BSc, PGDipPsych Qld
      - Susan Inglis, BBus
      - René Kienzle, BSc, PGDipPsych Qld
      - M. King, BBehSc, PGDipPsych Griff.
      - Roland Simons, BBehSc(Hons) Griff.

For further information see: http://www.bus.qut.edu.au/acsm

Please address any enquiries to the Director, Australian Centre in Strategic Management, Faculty of Business, Queensland University of Technology, Gardens Point Campus, 2 George Street, GPO Box 2434, Brisbane, Qld 4001, Australia.

Phone: +61 7 3864 2539; Fax: +61 7 3864 1766
Email: acsmenq@qut.edu.au

CENTRE FOR ACCIDENT RESEARCH AND ROAD SAFETY – QUEENSLAND

Established in the 1996/97 financial year, and launched as a QUT Research Centre on 22 July 1998, CARRS-Q is based on the Carseldine campus. It is an initiative of the Motor Accident Insurance Commission (MAIC) and funded by MAIC and QUT. It has an international advisory board which includes leading Australian and overseas experts on crash prevention. Its board of management comprises members of QUT, RACQ, Queensland Transport, the Police and MAIC.

CARRS-Q provides a centre of excellence for accident research and injury prevention, by combining the efforts of university researchers and road safety professionals.

The purpose of the Centre is to foster collaborative research as well as interdisciplinary teaching and consulting activities. To date, activities have concentrated on road safety intervention teaching programs and drug and alcohol workplace awareness programs.

The 1998 inaugural Road Accident Prevention and Road Safety Research Grant Scheme will support behavioural, medical, engineering and educational studies by Queensland researchers.

The Centre is currently developing a postgraduate Road Safety program which is proposed to commence in Semester 2, 1999.

- **Director:** Prof Mary Sheehan, BA(Hons) GradDip(Clinical Psych) NSW, PhD Qld
The Centre for Applied Studies in Early Childhood (CASEC) is a leading Australian Centre for research and postgraduate training in many areas of early childhood development, education and care.

The Centre has three objectives

1) to conduct high quality research which is at the forefront of current theory and practice and which creates new knowledge to enhance the lives of young children and their families.

2) to provide postgraduate training which will enable early childhood professionals to contribute to the discipline’s expanding knowledge base and to apply research findings to improve provisions for children and families.

3) to make available to professional groups and the community at large, expertise, advice and consultancy on issues related to early childhood, and to disseminate information in such a way that research can be readily translated into practice in order to promote the well-being of young children, their families, teachers and other care providers.

Members of the Centre have recognised expertise in a number of disciplines including education, psychology and sociology, thus offering a well rounded perspective on early childhood issues. As well as their involvement in research and postgraduate supervision all members of the Centre are academic staff in the University’s School of Early Childhood and are therefore also involved in the teaching of undergraduate and graduate courses in early childhood education and child care.

The Centre has a large and active postgraduate research program and offers supervision for Master of Education, Doctor of Philosophy (PhD) and Doctor of Education (EdD) degrees.

Good facilities exist for the conduct of a wide range of research. The library collection is of a high standard and the Centre has also established a substantial library of video-taped data from its longitudinal studies. Close links have been established with research institutions throughout Australia and overseas and collaborative research is being conducted with several of these.

Some basic research is conducted in the Centre but the vast majority is applied. The Centre is committed to ensuring that its research program is sensitive to both national priorities the current needs of the early childhood community, and that results are disseminated in such a way that they can be readily accessed by practitioners.

Current research falls into two broad areas with considerable overlap in terms of both content and methodology:

(a) child development and child rearing
The research in this area encompasses both normal and atypical development and includes infant cognition and perception, peer and sibling relationships, language development in both deaf and hearing children and the impact of adverse neonatal events on subsequent development. The research about social and cultural contexts of childhood examines the environments in which children grow and ways in which childhood is constructed in our society. It focuses particularly on family and gender studies as well as addressing issues related to educational and social policy.

(b) reconceptualisation of early childhood programs
This research addresses issues associated with maintaining quality of care and education. These include research on various aspects of early childhood curriculum (with a particular strength in arts curriculum) as well as studies pertaining to the training and work of teachers and care providers. This research is generating insights into what teachers will need to know, and do, to provide for children and families in the opening decades of the twenty-first century.

In addition to its teaching and research roles CASEC provides consultancy services to public and private sector organisations. It also houses one of the largest archives of children’s art in Australia.

Director of the Centre
Associate Professor Heather Mohay, BSc (Hons) Leic, Dip App Psych (Clinical) L’pool, PhD Qld.
email h.mohay@qut.edu.au

For more information please see CASEC’s World Wide Web home page http://www.qut.edu.au/edu/sec/casec/

Please address enquiries about the Centre and requests up to date lists of publications, conference presentations and consultancies to:

The Secretary
Centre for Applied Studies in Early Childhood
Queensland University of Technology
Victoria Park Rd
Kelvin Grove Qld 4059
Australia
Phone (07) 3864 3660
Fax (07) 3864 3056
CENTRE FOR COMMERCIAL AND PROPERTY LAW

The Centre for Commercial and Property Law was established in January 1990 within the Faculty of Law at the Queensland University of Technology. The primary work of the Centre is the authorship, editing, and publication of books and articles across a wide range of legal topics. Contributions to these works are received from a range of private and public sector practitioners, judges and academics. The Centre also has a significant role in the conduct of professional legal seminars and workshops and in hosting visiting professional and academic specialists and many of the Centre members undertake regular consultancy work with private legal firms.

The Co-directors of the Centre are Professor W.D. Duncan, Allen Allen & Hemsley Professor or Property Law and Professor Berna Collier, Clayton Utz Professor of Commercial Law. Permanent members of the Centre are drawn from the QUT Law Faculty. Inquiries should be directed to w.duncan@qut.edu.au.

Since its inception, the Centre has published approximately ten major contributed works on Commercial and Property Law, Competition Policy in Telecommunications and Aviation, Maritime Law, Planning and Environment Law in Queensland, Joint Ventures Law in Australia, Equity - Issues and Trends, Commercial and Professional Relationships, Disclosure Obligations in Business Relationships, Commercial Implications of Native Title, and the book presently in press “Commercial Dimensions of Government Law & Policy”. These books have been edited by members of the Centre and have contributions from specialist academic lawyers and practitioners both in Australia and internationally including members of the judiciary. These works have gained wide circulation nationally and internationally and have served the dual functions of providing a focus for the research of the Law Faculty and disseminating a vast amount of Law Faculty research to the professions.

The Centre also hosts and co-hosts professional legal seminars and workshops on a variety of subjects both alone and in conjunction with the Continuing Legal Education Department of the Queensland Law Society. The Queensland Law Society has made significant grants to the Centre as a result of this collaboration, particularly in the last three years. These funds are used to further the research aims and objectives of the Centre.

The Centre is hosting a visit from Professor John Phillips, Professor of English Law, University of London in July/August 1998 during which period Professor Phillips will be teaching in the postgraduate LLM coursework unit, the Law of Guarantees.

In 1998, under the direct supervision of Professor Berna Collier, the Centre will be engaged in compiling a contributed text on the subject of privatisation and contributions from this project will be sought from the Centre members, specialist practitioners and relevant public officials engaged in the privatisation process of government businesses.

Director (for 1998): Professor Berna Collier, BA, LLB(Hons) Qld, LLM Melb., Clayton Utz Professor of Commercial Law

CENTRE FOR COMMUNITY AND CROSS-CULTURAL STUDIES

The Centre is cross-disciplinary, comprising members from the Schools of Humanities and Social Sciences, Human Services, and Psychology. It focuses on social, cultural, creative, political, psychological, emotional and moral dimensions of community life in plural societies. Both the staff and postgraduate students in the Centre are involved in research, consultancies and community service across its five programs.

Gerontology Program, headed by Dr Laurie Buys
- Disability and ageing
- Housing
- Employment
- Retirement
- Aged care resource centre

Community Studies and Counselling Program, headed by Professor Gary Emberton
Counselling/Psychology:
- counselling supervision (individual & group)
- psychoanalytical psychotherapy
- solutions focus therapy (individuals and family)
- family therapy (including the use of videos)
- alcohol and other drug abuse
- organisational therapy
- psychotraumatology
- neuropsychology
- experimental psychology
- cognitive psychology
- counselling psychology
- counselling, personal characteristics and outcomes
- grief processes
- psychology of gender
- health psychology
- environmental psychology
- applied social psychology
- urban social studies
**Human Services:**
Welfare and counselling services delivered in community/residential/Federal/State/Church/commercial settings for:
- the disabled
- youth (homeless/disadvantaged)
- children and families (victims of abuse/domestic violence)
- the aged
- adult and juvenile offenders either:
  - in prison
  - on home detention or in community corrections facilities
  - or within probation or parole systems (corrective services)

**Unemployment**
- unemployment and social policy
- psychological and community aspects of unemployment

**Colonialism and Culture in Asia Program, headed by Professor Carl A. Trocki**
- Asian opium trade
- Ethnic issues in Malaysia and Singapore
- Ethnic politics in Asia
- Politics and violence in South-East Asia
- Central Asian politics, including Iran and the former Soviet states
- The Asian diaspora in Australia

**Public History and Heritage Program, headed by Dr Wayne Hindsley**
- Public, Private and Voluntary Sector Corporate History
- Public Policy History
- Architectural and Built Environment and Cultural History
- Historical Archaeology
- Environmental Cultural Parks and the Cultural Landscape
- Family and Community History
- Historiography
- Biography

**Contemporary Australian Cultures, headed by Dr Adam Shoemaker**
- Post Colonialism
- Comparative Literatures
- Australian Political and Cultural Studies
- Comparative Indigenous Studies
- Comparitive Multicultural Studies

**Director:** Professor Carl Trocki, BA Cleveland, MA PhD C’nell

**CENTRE FOR EYE RESEARCH**
The Centre for Eye Research was established in the School of Optometry in 1986 to coordinate the wide range of research activities in the visual and ophthalmic sciences. The Centre has a vigorous program of research investigating human vision and how the problems people have with vision may be resolved or alleviated.

In 1988 the Centre was given University Centre status and provided with support funding to pursue its mission of developing the research and postgraduate activities of the School of Optometry. In 1989, the Centres first PhD students were enrolled.

The research activities of the Centre encompass the clinical, theoretical and applied aspects of the visual sciences. There is an emphasis on the functional and performance aspects of vision. The Centre also undertakes research for the ophthalmic and pharmaceutical industries towards the development of improved ophthalmic appliances and materials.

In addition to investigating the causes of human vision problems, the Centre also undertakes research work for government, industry and business to resolve visual problems in the workplace, in transport and in industry.

The research activities of the Centre fall into five broad categories:
- contact lenses and cornea
- ocular growth and refractive error development
- vision rehabilitation
- visual optics
- visual psychophysics.

The Centre for Eye Research serves as a focus for collaboration with groups internal and external to QUT. This collaboration with industry and with other research units is well established, and the Centre has attracted significant research grants from industry and government funding agencies.

The Centres facilities and resources are unique in Queensland and provide a resource for the development of the visual and ophthalmic sciences and industries in the State.

**Director:** Professor L.G. Carney, BAppSc MSc(Optom) PhD Melb., LOSc, FAAO

**CENTRE FOR INNOVATION IN THE ARTS**
The Centre has three purposes:
- to facilitate the creation and presentation of new artistic works
- to encourage multimedia innovation in contemporary works
- to enhance the commercialisation of new artistic works.

The Centre initiates projects and joins other arts companies, festivals, research institutes and
individual artists in joint ventures. An Artist-in-
Residence scheme brings national and international visual and performing artists into the QUT and Brisbane communities.

Artistic and scholarly research is undertaken into the performing and visual arts in the fields of Dance, Drama, Music, Visual Arts and Communication Design. Both theoretical and applied research is undertaken by composers, choreographers, directors, writers and visual artists, with a focus on the creative process and innovation in arts practice. Staff attached to the Centre provide consultancy expertise over a wide range of multi-disciplinary applications. Postgraduate students associated with the Centre focus on the creation and/or analysis of new artistic works or multi-media and on-line experimentation using the Academy's Arts and Technology Laboratory.

The five research programs within the Centre are:
1) Artistic Practice
2) Arts and Technology
3) Arts in Cultural Development
4) Arts Theory
5) Arts Education

Director: Associate Professor Rod Wissler, BA(Hons) PhD Qld.

CENTRE FOR INSTRUMENTAL AND DEVELOPMENTAL CHEMISTRY

The Centre for Instrumental and Developmental Chemistry was formed in January 1992. It emphasises high quality fundamental research and expert service of community needs through research, postgraduate education, development projects and consultancy.

□ Research
The Centre specialises in three main areas:

Analytical Science
Project areas currently being researched in the analytical science program include the development of new analytical instrumentation; use of chemometrics; elucidation of three-dimensional structures of complex molecules by NMR, X-ray diffraction and mass spectrometry; and use of vibrational spectroscopy for the characterisation of polymers, minerals, biological molecules and dyes; the development of new sample introduction methods in atomic spectroscopy; the application of analytical techniques to forensic science.

Applied Organic Chemistry
The program encompasses a wide range of industrial sectors, and research makes extensive use of the instrumental infrastructure of the Centre. Current areas of activity include the synthesis of new molecules for use in industrial electronics and in the medical field; isolation and characterisation of new compounds of medicinal benefit from natural sources; development of new synthetic procedures involving free radicals; flavour chemistry of foodstuffs and agricultural products; and structured aspects of DNA.

Material Science
This area of Centre activities has been well supported by industrial grants. Research is carried out in a number of important areas encompassing organic, inorganic and metallic materials. Significant project areas include synthetic polymers, particularly degradation studies and polymerisation kinetics; corrosion of metals and alloys in industrial environments; investigation of the electrodeposition of copper during the refining process; study of the structure and properties of clays; and preparation of advanced ceramics by the sol-gel process; application of membrane technology to industrial processes.

□ Consulting, Testing and Continuing Education
The Centre is very active in consulting and testing. This activity earns valuable funds and forges strong links with the industrial community, leading to joint research projects. The Centre will continue and expand this activity. Centre staff have also established a reputation in continuing education by developing short courses in corrosion science, vibrational spectroscopy and analytical techniques. These courses have been given in every capital city of Australia and in South-east Asia. Future opportunities exist for the Centre to expand its continuing education activities. The Centre collaborates with the National Scientific Instrumentation Training Centre (NSITC) to provide additional training courses.

□ Equipment
Activities revolve around sophisticated, high-cost instrumentation, including mass spectrometry, nuclear magnetic resonance spectrometry, Fourier transform Raman and infrared spectroscopy, Raman microprobe spectroscopy; inductively coupled plasma Raman and infrared spectroscopy, Raman microprobe spectroscopy; inductively coupled plasma mass spectrometry, thermal analysis, and materials testing equipment.

Director: P.M. Fredericks, BSc(Hons) DPhil Sus., FRACI

CENTRE FOR MATHEMATICS AND SCIENCE EDUCATION (CMSE)
The Centre for Mathematics and Science Education (CMSE) seeks to promote a numerate and scientifically literate society by coordinating
research in the teaching and learning of mathematics and science. It applies this research through graduate teaching, consultancy, curriculum development and the production of educational resources. It is affiliated with the Faculty of Education, and staff are drawn primarily from the School of Mathematics, Science and Technology Education as well as from other Schools and Faculties. An administrative office, clinical facility, and facilities for research assistants and higher degree students are located on the Kelvin Grove campus.

**Research**

Research is a major Centre priority. The research program may be classified broadly into five categories relating to mathematics, science and technology education:

- **Cognition** – acquisition of scientific and mathematical knowledge, scientific and mathematical reasoning including problem solving; study of learning environments; teacher cognition and teacher change.
- The social context of science and mathematics education including access and equity issues.
- The application of information technology and design technology education to human cognition and improving the quality of learning, curriculum, and teacher cognition and change.
- Curriculum development, implementation and evaluation.

The Centre offers postgraduate research courses by PhD and MEd (Research) and a professional doctorate in education (EdD).

**Teaching**

The Centre aims towards teaching excellence with a staff experienced in undergraduate, higher degree and continuing education courses, and in supervising theses in mathematics, science, information technology education, and design technology education. The Master in Education (MEd) and professional doctorate in education (EdD) degrees are offered by coursework and dissertation and allow specialisation in mathematics, science and technology education. Staff are active in writing teacher education materials and classroom texts in mathematics and science education.

**Consultancy**

Through consultancy, the Centre aims to promote success and excellence in mathematics and science for students of all ages and backgrounds. Staff are actively involved in a range of consultancy services to meet the needs of schools and the general community. These services include diagnostic, remedial and enrichment activities with students; professional development seminars and short courses for educators; cooperative projects with educational and professional groups; writing and editing for publishers. The Centre welcomes enquiries for the provision of services to the profession and the community.

**Director:** Associate Professor C.J. McRobbie, BSc Qld, MSc Pacific, PhD Monash, MACE, MRACI.

**CENTRE FOR MEDIA POLICY AND PRACTICE**

The Centre for Media Policy and Practice, based in the School of Media and Journalism, is a Centre for research, postgraduate supervision, consulting, continuing education, public seminars and other service activities engaged in by members of the School. Through such activities, the Centre seeks to develop strong links between students, the academic community, media professionals, government, and community and public interest groups. The Centre’s research strengths are in the areas of film and television production, media policy, media representations, the organisation and culture of journalism and film and television, and new media technologies. Postgraduate research is also conducted in these areas. The Centre for Media Policy and Practice is an institutional participant in the Australian Key Centre for Cultural and Media Policy, a nationally funded centre of excellence in research and teaching.

Centre members provide expert commentary for publication in state and national newspapers and for broadcasting on ABC and commercial radio and television and the BBC. In addition, the Centre has provided the services of an interviewer/associate producer for SBS television PAGE Open Learning programs. An active collaboration has also been forged between the Centre and Briz31 community television through students researching, producing and presenting a regular news program; and with radio 4EB through a broadcast training program for ethnic unemployed and QUT students.

Activities of the Centre for Media Policy and Practice focus on media policy, journalism management and ethical issues, including:

- media and cultural policy environment – history, issues, regulatory structures and processes, public interest analysis
- media and journalism education
- foreign affairs and the media
- history of journalism
- media studies
- textual analysis of film, television, advertising and other media
- film and television project development.
CENTRE FOR MEDICAL AND HEALTH PHYSICS

The Centre for Medical and Health Physics fosters the application of physics and supporting disciplines to clinical, occupational and environmental health areas in the community.

The Centre has the following functions:
- to promote research in the area of medical and health physics
- to provide quality educational programs for postgraduate students and appropriate professionals
- to facilitate transfer of knowledge and developed technology to the broader scientific community and to industry
- to foster collaboration with external organisations both within Australia and overseas, particularly within countries in the Asia Pacific region.

Education
The Centre's staff provides support for postgraduate studies in the following programs:
- Master of Applied Science, with majors in Medical Physics, and Medical Ultrasound
- Master of Applied Science (Research)
- PhD programs.

Continuing Education
The Centre offers short courses in:
- radiation health physics
- radiography
- medical informatics
- medical ultrasound and
- other areas by consultation.

Research and Consultancy
The Centre's current areas of research and development are in:
- medical physics
  - clinical measurement
  - computer modelling
  - enhancement/development of instrumentation
  - diagnostic methodologies
- medical imaging
  - laser diaphanography
  - magnetic resonance imaging
  - image analysis
  - 3D imaging
  - ultrasound
- body composition studies
  - body water measurements in patient groups and athletics
  - toxic element analysis
  - bone densitometry
- health physics
  - modelling and measurement of air pollutants, aerosols
  - measurement of ionising radiation
  - environmental radioactivity
  - radiation health physics
  - ultraviolet radiation monitoring
- daylighting/photometry
  - daylighting (natural lighting)
  - photometry
- radiation therapy
  - gel dosimetry
  - monte-carlo modelling
- applied theoretical optics and acoustics
  - extremely asymmetrical scattering of waves
  - anomalous absorption of sound waves
  - materials science
  - nuclear magnetic resonance (NMR) micro-imaging
  - biomaterials
  - shock tube compaction of powders.

The Centre's major areas of consultancy are:
- measurement of radioactivity
- measurement of light transmittance/reflectance (NATA registered laboratory)
- measurement of ultraviolet radiation.

Director: Associate Professor B.J. Thomas, BSc(Hons) PhD, FACPSEM, MAIP

CENTRE FOR MOLECULAR BIOTECHNOLOGY

The Centre for Molecular Biotechnology has as its primary objectives, research and postgraduate education in medical and plant biotechnology. The Centre was established in 1988 and currently has a staff and student complement of more than 100. The Centre is located on the Gardens Point campus in a modern, well-equipped laboratory complex with state-of-the-art associated facilities. Postgraduate education includes PhD and Masters programs and components of the Honours and Graduate Diploma in Biotechnology courses. Undergraduate course
components are also supported. Research is concentrated into a few programs and involves considerable collaboration with other Australian and overseas institutions as well as industry.

The principal research programs are:

- arbovirology
- cancer and molecular genetics
- chlamydial diseases
- growth and developmental biology
- plant biotechnology

**Director:** Professor A.C. Herington, BSc(Hons) PhD Monash

## CENTRE FOR NURSING RESEARCH

The Centre’s mission is to become one of the leading sources of expertise in mental health nursing research. The Centre has three main objectives:

- to conduct high quality research into the theoretical and practical facets of nursing practice
- to provide postgraduate research training for students working in nursing and related areas
- to provide advice and consultancy research services to the community and health care providers.

The Centre for Nursing Research has successfully collaborated with groups internal and external to QUT. Networks for collaboration with health care providers in the community and with other research units are well established, and the Centre has attracted significant research grants from health care and government funding agencies.

**Acting Director:** Associate Professor Paul Morrison, BA(Hons) Wales, PhD Sheffield Hallam University, RMN RGN PGCE Wales, CPsychol AFBPsS MRCNA

## CENTRE FOR POLICY AND LEADERSHIP STUDIES IN EDUCATION

The Centre for Policy and Leadership Studies in Education was established in 1994 as a centre of research excellence to promote and facilitate research and development through the analysis, interpretation and articulation of policy, leadership and management and the interrelationship between these fields.

The Centre aims to:

- undertake research that investigates the processes of educational policy development and implementation, the characteristics and practice of effective educational leadership and management and the relationship between these key aspects of educational theory and practice; and
- apply this scholarship in ways which are beneficial to the educational and broader community.

Researchers in the Centre are working to establish effective interdisciplinary approaches to studying ‘leadership’, ‘management’ and ‘policy’, and complementary research methodologies in these fields. The Centre’s work makes particular reference to issues of social justice and equity, and provides independent evaluation and critique of public policy and policy processes, leadership and management practices and other allied educational discourses.

Current research interests within the Centre include:

- problem-based learning, appreciative enquiry and professional development for school leaders
- school-based and community-based decision making and management
- gender and other equity perspectives on educational policy, leadership and management
- optimising the potential of women in small business
- education and training policy and practice issues arising from innovations in interactive communication technologies in rural communities.
- post-compulsory education and training policies
- teacher education and professional development policy and practice
- globalisation and education policy including the role of the OECD in Australian education
- working with educational leaders in the Republic of South Africa.

Much of the Centre’s research finds application in continuing professional education, consultancies, workshops and conferences for the wider community including education authorities, government departments, relevant industries and business at local, national and international levels.

**Director:** Dr Leonie Daws, BA BEd Monash, MED(Hons) NE, PhD Qld

Email: l.daws@qut.edu.au
Phone: 61 7 3864 3420, Fax: 61 7 3864 3728
http://www.qut.edu.au/edu/cpol/

## CENTRE FOR PUBLIC HEALTH RESEARCH

The Centre for Public Health Research (CPHR) attached to the School of Public Health was established in 1992 to provide a focus for the research activities of the School. In 1997 the group
was awarded University Research status within QUT. The CPHR aims to foster excellence in research, postgraduate training and consultancy in public health. The CPHR encourages collaboration with government, industry sectors and community groups, and in 1997 attracted competitive research grants, scholarships, fellowships and consultancies to a value approaching $1.3 million.

The overall mission of the Centre is to conduct research which promotes the development, delivery, evaluation and dissemination of innovative and effective public health interventions and practice for the benefit of the community.

The objectives of the Centre are to:
- promote and further the Queensland, national and international research effort with respect to the development, implementation and application of innovative public health research and evaluation
- develop and enhance collaborative research
- increase quality research funding and output, with a specific emphasis on analytic research and controlled intervention studies in community settings
- promote research training opportunities in public health for postgraduate students, staff and other public health professionals.

Current research programs include:
- promoting child and adolescent health in schools and other settings
- promoting health and safety in the workplace setting
- improving delivery of care in health settings
- understanding genetic, psycho-social and economic determinants of health
- improving public health practice through workforce development, training and policy development.

These areas of research are being carried out with respect to various public health issues and health behaviours, in particular, nutrition and diet, cancers, cardiovascular disease, Parkinson’s Disease, Neural Tube defects in children, smoking, sexual health, physical inactivity, mental health and indigenous health.

Director: Professor B.F. Oldenburg, BSc(Hons) MPsych, PhD UNSW.

Enquiries should be directed to Professor Brian Oldenburg (e-mail: b.oldenburg@qut.edu.au) or Darlene Henning (e-mail: d.henning@qut.edu.au).

CENTRE IN STATISTICAL SCIENCE AND INDUSTRIAL MATHEMATICS

The mission of the Centre is to create new knowledge in statistical science and industrial mathematics and to bring the benefits of this knowledge, its scholarship and expertise to QUT and the community at large. This has and will be achieved through:
- performing high quality research
- providing a focus and resources for researchers to perform research in statistical science and industrial mathematics
- providing postgraduate teaching
- providing continuing education of relevance to the community
- providing a consulting service to the community
- promoting collaborative projects between the Centre and other QUT centres and organisations in Queensland, interstate and overseas.

The Centre acknowledges the need to carry out research which is of significance to industry, government and society and therefore the need to forge links with external organisations. It also aims to maintain and develop strong links with local industry by providing expert consulting in statistics and mathematics.

The Centre in Statistical Science and Industrial Mathematics has, as its main research focus, the development of statistical and mathematical models and efficient algorithms for the analysis of problems of significance to industry, government and the community. It received university centre status at the end of 1992.

The research programs of the Centre include:
- time series analysis
- spatial statistics
- statistical modelling and data analysis
- statistical analysis in cryptology
- operations research
- industrial mathematics
- mathematics applied to medicine and biology
- pure mathematics.

There are a number of research projects in each of these areas.

A major feature of the Centre is the high proportion of collaboration in research projects with other researchers from within QUT, other universities, CSIRO, government departments and industry. Several projects involve contract research for industry. There is active collaboration with overseas researchers in most areas.
Queensland Health Care Research Group, which is part of the Centre, was established in 1995. It provides statistical and mathematical modelling expertise to Queensland Health especially in the areas of resource allocation and strategic planning.

Consulting services are provided within QUT and to external clients in industry and government by the Statistical Consulting unit and by other staff of the Centre.

The Centre has a strong postgraduate teaching program with over twenty PhD and research Masters students. Many of these students are working on collaborative projects with co-supervisors from outside QUT in industry or research organisations.

The Centre has excellent computing facilities with its own DEC Alpha server, DEC Alpha workstations, networked PCs and Macs, and centrally provided research supercomputing facilities.

Director: Professor D.L.S. McElwain, BSc(Hons) Qld PhD York (Can.).

CENTRE FOR THE STUDY OF ETHICS IN THE MARKET, GOVERNMENT AND THE PROFESSIONS

Focuses on publications, research, consultancies and community service in fields including:

☐ applied ethics concerning the public sector and the professions
☐ general issues in political philosophy concerning the roles of government and market forces
☐ ethics and professional practice
☐ ethics education
☐ ethical social choices made by the market, government and the professions
☐ policy analysis
☐ ethics, moral, religious, social and political philosophy
☐ bioethics
☐ ethics and social policy
☐ ethics and public life
☐ public sector ethics
☐ business ethics
☐ political economy ethics.

Director: Associate Professor Noel Preston, CertT Kelvin Grove, BA BD Qld, MEd(Hons) NE, ThD Boston

COOPERATIVE RESEARCH CENTRE FOR DIAGNOSTIC TECHNOLOGIES

The lead site of the CRC for Diagnostic Technologies is based in the School of Life Sciences. The Commonwealth-funded Cooperative Research Centre brings together the diagnostic and molecular biological expertise and innovation of QUT, La Trobe University, CSIRO (Molecular Science), the Kolling Institute, and three of Australia's leading biotechnology and diagnostic development companies: AGEN, Bioclone, PanBio and Amrad. This collaborative venture was established to develop new and internationally competitive DNA and protein based generic diagnostic technologies and to apply these new technologies to the diagnosis of important human diseases.

The principal research areas are:

☐ protein-based diagnostic technology
☐ nucleic acid-based diagnostic technology
☐ applications and rapid diagnostic technology.

INFORMATION SECURITY RESEARCH CENTRE

The Information Security Research Centre, formed in July 1988, is a joint venture between industry and QUT's Faculty of Information Technology. Since 1993 the Centre has been included within the School of Data Communications.

The Centre's activities focus on the control, management and security of computer systems and networks. Its role is to undertake research, development, consultancy and education activities in this designated area.

The Centre has five research areas in:

☐ cryptology
☐ risk analysis and assessment
☐ secure data networks and smart cards
☐ database and operating system security
☐ security policy.

The Centre supports other areas of research, such as:

☐ Secure Networks Laboratory (SNL). The SNL contains computer hardware and specialised security equipment to support applied research projects in information security
☐ reverse engineering and tools for the analysis of software systems as well as computer architecture for secure systems (CASS) in collaboration with the Programming Language Laboratory – School of Computing Science.

Since its formation, the Centre has carried out applied research and consultancy for a wide range of organisations in both the public and private sectors. The Centre has established research links with several overseas universities. In addition the Centre has developed its educational role by offering research Masters and PhD programs as well as teaching specialist subjects for postgraduate coursework students.
**PHYSICAL INFRASTRUCTURE CENTRE**

The Physical Infrastructure Centre (PIC) was established by QUT in 1990 as a national focus for civil engineering research. It is one of QUT's university centres and provides consultation, continuing education and research services.

The Centre's aim is to find real world solutions to complex civil engineering problems. With this goal in mind, the Centre works closely with the civil engineering profession, industry and government on key projects that will strengthen and upgrade Australia's physical infrastructure.

Areas of expertise include:

- roads, railways and bridges
- traffic and transport engineering
- structures
- construction and materials
- environmental
- water engineering.

Recent research projects include:

- a USA National Research Council project to update the Highway Capacity Manual
- an OECD backed investigation into increasing transport efficiency through bridge/vehicle interactions
- the development of a portal frame building system with Palmer Tube Mills
- numerous projects funded by the Australian Research Council including response of buildings and their components subjected to wind and earthquake loads, and the dynamics of highway bridges.

One of the Centre's major projects is the development of a full-scale research facility at the University's Carseldine campus. The Carseldine Field Station allows opportunities for the Centre to engage in large-scale collaborative projects with industry. Buildings up to 24m in size can be tested to failure under simulated wind loads. It has facilities to simulate wind and earthquake loads on full-scale structures and their components.

**SIGNAL PROCESSING RESEARCH CENTRE**

The Signal Processing Research Centre was established in 1991, after the appointment of Professor Boashash as the Professor of Signal Processing and Centre Director, and received University Centre status in the same year.

The director of the Centre is the general Chairman of the International Symposium on Signal Processing and its Applications (ISSPA) which is held biennially and was appointed the Technical Chairman of the International Conference on Acoustics, Speech and Signal Processing (ICASSP 94) leading world conference which hosted 1328 delegates in April 1994.

Signal Processing has a wide range of application areas and has undergone explosive growth within the last ten years. The Centre provides an important resource for industry, government, the engineering profession and the community in general. The Centre's research activities encompass both theoretical and applied aspects of signal processing.

The Centre has three main objectives:

- to remain at the forefront of technological research advances
- to provide stimulating postgraduate education
- to provide industry clients with state-of-the-art consultancy expertise.

The Centre consists of three academics, ten PhD students and several postdoctoral fellows and research assistants. The Centre's researchers are active in the areas of image processing, signal processing and speech processing.

The signal processing group has specialised in the areas of algorithm development for efficient signal processing implementation, detection of signals in noise, estimation of signal parameters in a noise-affected environment, biomedical applications, and higher-order spectral analysis.

Speech processing is involved in artificial neural network speech recognition, voice encryption and scrambling, and speech and audio compression.

Image processing and computer vision areas have concentrated on analysis of data in digital images, development of efficient algorithms, enhancement of images for information recovery, and image compression.

For more information, contact the Administration Officer on (07) 3864 1989.
EQUITY
QUT strives to support cultural and social diversity in its staff and student body, to provide an educational and work environment which promotes the principles of equity and social justice, and to ensure that our graduates possess a sense of community responsibility.

QUT’s equity objectives and strategies are contained in the QUT Equity Plan 1999-2003, and equity considerations are integrated within all aspects of the University’s planning and operations.

The Equity Section, within the Division of Administrative Services, supports the day-to-day implementation of QUT’s Equity Plan. The Equity Section assists the University with development and implementation of policies, programs and activities with the aim of achieving equal opportunity, or a fair go for all, in education and employment.

Equity for Students
QUT is committed to expanding educational opportunities for people who are under-represented in the student population and providing an environment which is inclusive and supportive of people from all backgrounds.

The University’s equity objectives include:

- student diversity – ensuring that QUT’s student body reflects the cultural and social diversity of the University’s catchment area, and
- student inclusivity and support – providing students with learning experiences and services which are socially and culturally inclusive; providing support programs for students in equity target groups to improve their success and retention; and providing procedures to resolve cases of harassment and discrimination.

The student equity target groups are:

- people with disabilities
- Aboriginal people and Torres Strait Islander people
- people from non-English speaking backgrounds
- people from low socio-economic backgrounds
- women in non-traditional areas of study, and
- people from rural and isolated areas.

Special Admission and Support Programs
QUT offers a range of programs and services to help remove barriers to access and success at university, including:

- the Q-Step Program, which provides special entry, orientation and support services for people from low income backgrounds (contact the Q-Step Program Coordinator on (07) 3864 3731)
- the Oodgeroo Unit, which coordinates a special entry program and support for Aboriginal students and Torres Strait Islander students (see information on Oodgeroo Unit in this section)
- the WIBEE Project, which provides services and support for women studying in built environment or engineering (contact the WIBEE Coordinator on (07) 3864 2849), and
- assistance and support for people with disabilities (see information on Students with Disabilities in this section).

For more information on special admission programs refer to the publication Making Inroads which is available from QUT’s Admissions Office, phone (07) 3356 1195.

Equity and Merit Scholarships
To further encourage the participation of members of equity groups QUT offers a limited number of equity and merit scholarships, supplied by the Commonwealth, which provide an exemption from HECS fees to low-income commencing undergraduate students from the six equity groups. For further information contact QUT Student Fees Office on (07) 3864 3100.

Inclusiveness and Discrimination/Harassment
QUT is committed to providing an inclusive and safe work and study environment. Harassment of staff or students by any member of the University community is unacceptable.

The University’s policies on equal opportunity, inclusive language and presentation, sexual and gender based harassment, and racial discrimination and harassment are contained in the Student Rules chapter of this handbook.

The policies on equal opportunity, and discrimination and harassment outline the grounds of discrimination and harassment, and provide information on what constitutes sexual and gender based harassment and racial discrimination or harassment. QUT has specific procedures for resolving complaints of sexual and gender based harassment and racial discrimination and harassment, and trained Sexual Harassment Contact Officers and Racial Harassment Contact Officers to provide confidential advice on options. A list of Contact Officers is available from the Equity Section.
The policy on inclusive language and presentation refers to presenting a more accurate view of the world in how we speak, write and visually represent people, by reflecting social and cultural diversity and a range of perspectives rather than using stereotypes. To complement this policy, the publication *Working with diversity: A guide to inclusive language and presentation* is available from the Equity Section.

**Information and Advice**

For confidential advice or information on equity matters or to obtain copies of QUTs Equity Plan or other publications, contact the Equity Section, phone (07) 3864 2699 or e-mail equityenq@qut.edu.au. Information and publications are also available on the internet from the Equity Section web site (http://www.qut.edu.au/daa/equity/).

The Equity Section is located in Room O430, O Block Podium, Gardens Point campus, and Room K214, K Block, Kelvin Grove campus.

*Equity Coordinator:* Mary Kelly (Gardens Point campus)

*Equity Officer:* Danelle Dobinson (Kelvin Grove campus)

**OODGEROO UNIT (opened in 1993)**

The Oodgeroo Unit, a distinct section within the Chancellery, performs a range of teaching, research and service functions in the University. A central activity is the recruitment and subsequent academic and counselling support of Aboriginal and Torres Strait Islander students enrolled in degree programs at QUT. Students who are supported by the Unit have experienced a high success rate in university programs and have been able to secure employment in their chosen fields of interest.

Aboriginal and Torres Strait Islander students are increasingly enrolling in the whole range of Faculties across QUT, including degree programs in Information Technology, Law, Science, Business, Nursing and other Health areas, Education, Arts, and Social Science. Throughout student’s degree programs, unit staff support students as they develop study skills and a professional knowledge of their discipline.

The unit designs and teaches units in Indigenous Studies and Indigenous Education. In addition, staff from the Oodgeroo Unit contribute lectures and workshops to many degree programs, both at undergraduate and postgraduate level. Through these teaching activities a range of students undertaking QUT courses have opportunities to learn about cross-cultural issues in Australia.

The Oodgeroo Unit also engages in the professional development of QUT staff in respect to the development of appropriate skills and awareness for working in educational environments of cultural diversity. This function is also extended to the broader society, where the unit has input to a range of government and community services. Conferences, seminars and workshops offered by the Oodgeroo Unit are designed to raise awareness of Aboriginal and Torres Strait Islander issues to the broader community.

Research into issues of contemporary concern to Aboriginal and Torres Strait Islander people is a priority activity for the unit. In this way, the unit seeks to contribute to the achievement of the goals of the National Aboriginal and Torres Strait Islander Education Policy (NAEP), Reconciliation, Social Justice Policy and Equity Policies.

The Oodgeroo Unit’s central office is located at the Kelvin Grove campus, with service offices on Carseldine and Gardens Point campuses. Phone: (07) 3864 3610.

*Oodgeroo Unit Manager:* Penny Tripcony, BA DipEd Melb., MEdSt South Australia.

**CHAPLAINCY SERVICES**

The University caters for the emotional and spiritual needs of students and staff through the provision of Chaplaincy Services. The Ecumenical Chaplaincy is a joint venture of QUT and the major Christian denominations. There is presently one full-time chaplain and a number of part-time chaplains working at QUT, operating on a schedule of visits to each campus.

**Chaplaincy Centres and Chapel**

The Chaplaincy Centres are ecumenical, and although the chaplains represent the major Christian denominations, they are available to people of other religions as well. If necessary, they are able to put people in touch with appropriate contacts from different denominations or religions.

The Chaplaincy Centres are a focus for Christians from a diversity of traditions and theological emphases. The purpose is to encourage community spirit and to be a lively influence within each campus. The chaplains aim to relate Christian faith to both personal commitment and to the corporate structures of church and society. Activities include counselling, social gatherings, discussion groups, Eucharist, prayer and meditation groups. Chaplaincy can also serve as a bridge across the divisions that may surface in any human institution.
Two chapels are available at the Gardens Point campus for quiet private prayer, worship services and prayer meetings. The centre incorporates a drop-in room with tea/coffee facilities, a good place in which to meet friends and make new ones. There is also a Muslim mosque in rooms adjacent to the main chaplaincy facility. The chaplain’s movements are posted on notice boards at all three chaplaincy centres and on an answering service connected to (07) 3864 2700.

A chaplain is available at the Chaplaincy Centres below:

**Gardens Point Campus**
Old Government House near the entrance to the Library and U Block
Fax: (07) 3864 2086
Mobile: 041 464 2700
email: bj.clarke@qut.edu.au

**Kelvin Grove Campus**
Chaplaincy Centre and Chapel
Room A131 (ground floor near the Library)
Main Building
Contact: Gardens Point campus

**Carseldine Campus**
Room C217
Weekly visits and ecumenical services
Periodic Catholic Mass
Contact Gardens Point campus

**COMPUTING SERVICES**
The Department of Computing Services provides computing facilities, services and support for staff and students. It provides hardware and systems support for management computing and corporate information systems. It also provides voice and data communications infrastructure, services and support.

Computing Services supports clients by providing:

- The HelpDesk to provide phone support on standard computer problems for staff and postgraduate research students.
- Online and printed information for staff and students, including a regular newsletter circulated to all full-time staff (and to part-time staff and research postgraduates on request). It is available in HTML and PDF form on the Web at: http://www.qut.edu.au/cs/
- Information technology planning and strategic support for faculties and divisions.
- The QUT Computer Account Registration system, which registers and authenticates students and staff allowing them access to computer related resources.
- The computing systems security to protect users’ data.
- A dial-in connection service for students and staff with off-campus computers.
- Research assistance through the availability of a Silicon Graphics supercomputer, a data visualisation multimedia laboratory and connection to the Queensland Parallel Supercomputing Facility Computer.
- Training related to QUT specific software applications for staff and postgraduate research students.
- A desktop maintenance and support service for QUT standard hardware and software.

For more information on any of these services please visit the Computing Services Web pages at: http://www.qut.edu.au/cs/

The QUT data and voice network is a vital resource that gives members of the QUT community access to:

- Electronic mail within QUT and throughout the world.
- The Internet and its global resources.
- Student based information through the DataWarehouse.
- Specialised server computers for teaching, research and administration.
- Telephones, faxes and voice mail at QUT.

**COUNSELLING AND HEALTH SERVICES**
The Department of Counselling and Health is an autonomous professional department of QUT which takes an active role in promoting the personal, career and educational development of students and staff and providing for their health and well-being.

**CAREERS AND EMPLOYMENT SERVICE**
The Careers and Employment Service assists enrolled students and recent graduates with a variety of career management issues, such as course and career planning, employment opportunities, job search strategies and further study options. The Service aims to assist students to make informed course and career decisions and to reach their employment goals.

Services include: individual career and employment counselling; workshops and seminars; careers and employment information; mentor program; employment interviews; the Graduate Destination Survey; and a Career Resource Centre.
INTERNATIONAL STUDENT SERVICES
ISS assists international and migrant students with accommodation, English language tuition, learning skills, visa problems, legal, medical and personal matters.

Services available include pre-departure briefings, airport reception, orientation programs, promotion of social and cultural activities, introduction to host families, understanding Australian customs, liaison with academic staff, newsletters, support for student associations, womens groups, training workshops and preparation for returning home.

Locations:
Gardens Point Campus
Community Building, lower level
(07) 3864 2019
Kelvin Grove Campus
Community Building, upper level
(07) 3864 3488
Carseldine Campus
Community Building – (07) 3864 4539

COUNSELLING SERVICE
The Counselling Service provides professional counselling services on each campus. The primary aim of the service is to promote academic and personal development. Counsellors may be consulted for a number of reasons which include:

- personal problems
- family problems
- problems in relationships
- sexuality and sexual orientation
- motivation
- identity issues
- academic and study difficulties
- decisions about changing course and career
- disability issues
- finance
- QUT rules, procedures and policies.

Individual counselling at the Counselling Service is generally short-term in nature. The duration of counselling during any one academic year is negotiated between your and your counsellor. Each session lasts about 50 minutes.

Workshops
We offer a range of personal development workshop which are advertised each semester.

Confidentiality
All interviews with counsellors are strictly confidential. Normally, no information can be released without the clients written consent.

Contact the Service
Assignment of counsellors is done according to staff availability and the type of concern you have. It may be possible to request a particular counsellor.

In order to be directed to the counsellor with the most relevant area of expertise, it is suggested that at point of contact with the service, the client clarify whether the consultation is for personal matters, careers, finance or study matters.

Appointments
Appointments can be made by telephone or in person. Matters of urgency should be brought to the attention of the receptionist and will be dealt with as soon as possible. Some after hours appointments are available. Clients who need to cancel appointments are required to inform the service in advance.

Students with Disabilities
Students with disabilities who may require accommodation or support during their studies are encouraged to make early contact with the Disability Officer in the Counselling Service. They are also requested to indicate such needs when completing their enrolment. Those with temporary disabilities arising from accidents and illness that may occur during the year should also make known their needs of additional support services are required.

The University seeks to provide appropriate support services for students with disabilities. These may include:

- locating accessible parking for those with mobility problems
- organising effective learning/study skills workshops
- scheduling classes in accessible rooms
- lending special audiovisual equipment
- assisting with access to library resources
- arranging lecture material in different formats such as tapes, braille, large print, computer disks
- arranging a note-taker to assist in lectures
- arranging an interpreter for deaf students
- investigating alternative academic assessment procedures.
Assistance with physical and study facilities and informing appropriate staff of additional needs can be arranged with early notice. An information booklet, A Guide for Students with Disabilities, is available from the Disability Officer, Counselling Service, and the Equity Section.

Locations
Gardens Point Campus
Lower Level, Community Building
Phone: (07) 3864 2383
Kelvin Grove Campus
Top Floor, Community Building
Phone: (07) 3864 3488
Carseldine Campus
Level 1
Contact Gardens Point campus
Phone: (07) 3864 4539

QUT Health Services are available to all students and staff. Services include:

**Comprehensive general practice patient-care:** Lifestyle advice, including information on exercise, stress, drugs and sexually transmitted diseases; minor surgery including removal of warts, moles and sunspots; pathology services including blood tests.

**Well-woman care:** Smear tests, breast examinations and contraceptive advice.

**Campus accident and emergency care:** First aid treatment of injury and acute illnesses occurring on campus.

**Ongoing nursing care:** General advice on health maintenance; continuing care of injuries and minor operations; surveillance of medical conditions such as hypertension, asthma and diabetes; vaccinations and international travel advice; health education information and pamphlets.

Health Services are available on each campus and all consultations are strictly confidential. A Medicare card or Medibank book (for international students) is necessary for medical consultation.

**HEALTH SERVICE**
**Gardens Point Campus**
Lower Level, Community Building
Phone: (07) 3864 2321

**Kelvin Grove Campus**
Top Floor, Community Building
Phone: (07) 3864 3126

**Carseldine Campus**
Level 2, C Block
Room C216
Phone: (07) 3864 4673

**QUT FOUNDATION**
QUT Foundation Incorporated strengthens relationships between the University and the wider community to extend the quality of QUT’s research and education programs.

Through the support of alumni, individual donors, corporations, government, industry and professional bodies, QUT Foundation Incorporated offers scholarships and prizes to QUT students, and secures funds for teaching and research in cooperation with faculties.

Regular substantial donors are eligible for membership of QUT Foundation Incorporated and may stand for election to the Foundation’s Management Committee.

Donations to QUT Foundation Fund Trust are fully tax deductible. Bequests for general or specific purposes may be made to the QUT Foundation.

For further information contact (07) 3864 2147.

**QUT ALUMNI**
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 Graduate Board.

The Alumni Relations Unit 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 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 (http://www.qut.edu.au/alumni.html) provides useful information about QUT Alumni and its sponsored activities. Visit the site and 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 three times 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;

- discover the latest news on Alumni events and other activities for graduates and students by checking out the events listing at QUT Events;
- find out all about QUT Today and the history of the University’s origins at QUT of yesteryear;
- source information on scholarships available at QUT;
- learn about the Outstanding Alumni Award which recognises 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.

**UNIVERSITY LIBRARY**

The Library is part of the Division of Information and Academic Services and, with its colleagues, works to meet the information needs of the University.

Students and staff of QUT have access to a wide range of information resources, assistance and other support services in the University Library. The Library comprises four branch libraries, one on each campus and a separate Law Library at Gardens Point campus.

Local holdings of books, periodicals and multimedia resources have been developed in the University’s teaching and research disciplines. Electronic databases are available on the Library’s network which is accessible in the Library, across the university in computing and TALSS laboratories and in staff offices. In addition, access to a large number of external online databases and electronic information resources is provided via the Internet. Professional staff can undertake searches on specialised databases for eligible staff and students.

**Access**

Most of the Library’s collections are arranged on open shelving by subject. Signs explaining the shelving system are displayed in the stack areas.

The local collection can be searched via the Library’s catalogue available within the branches, elsewhere in the University on the network, across the Internet and through dial-up modem connection.

Extended access to information is available via the Library’s Web page at http://www.lib.qut.edu.au

**Membership**

All staff and students (full-time, part-time and external) are automatically members of the Library and can use any branch library. Identification cards are required whenever and wherever a client borrows.

Under an extensive reciprocal borrower scheme, staff and students are also eligible for free membership of Griffith University Library. As well external students may be able to register for reciprocal privileges with a number of tertiary institutions. Details are available from the Loans Desk.

**Hours**

Hours vary from branch to branch and during semester breaks. Current opening hours are available as a recorded message on (07) 3864 2493, through the Library catalogue, via the Library’s Web page and are advertised at each location.

**Borrowing**

Members can borrow from any branch library and can request an item on loan be held for collection on its return. Required materials not held at a member’s home campus can be requested via the Library catalogue for collection at their local branch library.

QUT staff and students can also request material for collection at their local branch library from Griffith University Library via the special reciprocal loans service (SRL).

Staff and postgraduates with special research needs may request materials not held in the Library via document delivery. Once registered, eligible members can place requests electronically, twenty-four hours a day from any computer with access to the Library’s Web page. Ask at Document Delivery.

**Course Reserve Collection**

Material in high demand such as lecturers’ notes, textbooks and recommended readings are held in the Course Reserve Collection and may be borrowed for use in the Library only. Some material is now available via an Electronic Reserve accessible through the Library’s Web page. Details are available at the Loans Desk.
**Assistance**

Staff at the Information Desk can answer queries and assist clients in finding and using information resources. Information about the Library’s services and collections is available in each library in a variety of formats: brochures, pamphlets, subject guides to information sources and information sheets on special resources. In addition, the Library’s Web page can be accessed at http://www.lib.qut.edu.au.

**Telephone Enquiries**

The following numbers may be called for telephone assistance:

Carseldine Library (07) 3864 4555  
Gardens Point Library (07) 3864 2083  
Kelvin Grove Library (07) 3864 3374.  
Law Library (07) 3864 2842

**Academic and Postgraduate Services**

A professional librarian works closely with each School, consulting academic and research personnel on developing collections, accessing services and assisting with all information issues. Liaison Librarians also assist postgraduates with their information needs.

A Researchers’ Centre, located on Level 7 of Gardens Point Library, provides a range of services to support the information and research needs of academic and postgraduate research students.

**Information Literacy Skills**

Instruction in effective information use is available through a variety of formal and informal programs. Students should enquire at the Information Desk or ask their lecturers to arrange classes. Staff and postgraduates may contact their Liaison Librarian or the Information Literacy Librarian about Internet training, the Advanced Information Retrieval Skills (IFN001/airs) course and other subject specific classes.

**Additional Services**

Within Library buildings, clients will find study carrels, seminar rooms, a lecture theatre (Gardens Point Library), audiovisual equipment and quiet talking areas. Self service photocopying and laser printing is available using a debit card system. Cards may be purchased and credit added in the Facilities Support Services (FSS) areas.

Also located in some of the libraries, Teaching and Learning Support Services (TALSS) offer audiovisual equipment loans, computing labs and computer-based education programs. The opening hours for these services may differ from the library’s hours. Please check the hours of operation with staff at the specific service point.
PRIZES AND AWARDS

The following list of prizes are subject to final approval by respective donors and may be changed or withdrawn without notice.

UNIVERSITY MEDALS

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
- graduands of bachelor degrees of at least three years normal duration 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 expected from 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 five centimetres square with rounded corners. The QUT logo is embossed on 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.

Awards are made at April/May graduation ceremonies.

FACULTY OF ARTS

4MBS QUT Prize
Awarded to the music student who gives the best performance of a distinctly twentieth-century music composition at the annual competition in October.

Australian Academy of Music Composition Prize
Awarded for the best composition in a contemporary popular style.

Australian Association of Gerontology (Queensland Division) Student Prize
Awarded to the student who achieves the highest grade point average in Aged Services over the second and third years of the course and who has also completed a practicum.

Australian Institute of International Affairs (Queensland Branch) Prize
Awarded to the student who completes the best essay on an international subject in the unit MJB337 Public Affairs Reporting.

Brisbane Commercial Radio Stations Prize
Awarded in conjunction with the Faculty of Business, this prize is donated by the Federation of Australian Radio Broadcasters and awarded to the Bachelor of Business (Journalism) or Bachelor of Arts (Journalism) graduand who achieved the best overall results in radio broadcasting units.

BTQ Channel 7 Scholarship
In conjunction with the Faculty of Business this prize is awarded to a student specialising in the communication or media fields – advertising, film and television production, journalism, media studies, organisational communication or public relations. Students must have completed second year full-time (or its equivalent), be undertaking a major in one of the communication or media areas and have enrolled to study third year full-time at QUT.

Country Press Award
In conjunction with the Faculty of Business this award is donated by the Queensland Country Press Association and awarded to the student who achieves the best academic result in the unit MJB224 Feature Writing.

Dorothy Birt Memorial Prize
Awarded to the most outstanding student enrolled in the Master of Arts (Visual Arts) in the area of textiles.

Federation of Australian Radio Broadcasters Prize
In conjunction with the Faculty of Business:
Awarded to the student who achieves the highest grade in the radio segment of the unit MJB338 Radio and Television Journalism 2.

Awarded to the student who achieves the highest standard in COB305 Advertising Copywriting – Electronic.

**Robert and Kay Bryan/Jack Manton Art Prize**
Awarded to the final year student of the Bachelor of Arts (Visual Arts) who submits the most outstanding work in one or more studio areas.

**Charles Hall Scholarship**
Awarded:
- to the Bachelor of Music/Bachelor of Education student with the highest GPA in first year
- to the Bachelor of Music/Bachelor of Education student with the highest GPA in second year.

**MIM Holdings Ltd Prize**
In conjunction with the Faculty of Business this prize is awarded to the student of the Bachelor of Business (Journalism) or Bachelor of Arts (Journalism) course who obtains the best overall result in this course.

**QUT/QYO Concerto Prize**
Awarded to the Music student who best performs a concerto movement or a work for soloist and orchestra in the classical genre.

**St Lucia Orchestra Concerto Competition**
Awarded to the music student who best performs a concerto movement or a work for soloist and orchestra, in the light popular genre.

**The Courier-Mail Prize for Journalism**
In conjunction with the Faculty of Business this prize is donated by Queensland Newspapers Pty Ltd and awarded to the graduating student with the best overall performance in the Bachelor of Business (Journalism) or Bachelor of Arts (Journalism) degree.

**A.G. Scott Memorial Prize**
Donated by Mr and Mrs R W Scott in memory of their son, Mr A.G. Scott, a graduate of the Bachelor of Engineering (Mechanical). The prize is awarded annually to a final-year student in the Bachelor of Engineering (Mechanical) who demonstrates the greatest improvement in innovative ability and competence in mechanical engineering design or attains the best overall performance in design work.

**Andrew Brock Memorial Prize**
Donated by the staff of BHP Mining (previously Utah Development Company), in memory of Andrew Brock and awarded to the student with the best performance in the second year of the Bachelor of Built Environment.

**Association of Public Authority Surveyors Prize**
Awarded to the Bachelor of Surveying first-year student who obtains the best academic result in the unit PSB424 Land Science.

**AURISA (Queensland Chapter) Prizes**
Donated by the Australian Urban and Regional Information System Association (Queensland Chapter) and awarded to:
- the student in the Bachelor of Surveying with the best result in the unit PSB342 Spatial Information Science 1.
- the surveying student with the best project result in the field of Spatial Information Science.

**Australian Asphalt Pavement Association (Queensland Branch) Prizes**
Awarded:
- to the student in the Bachelor of Engineering (Civil) with the best overall performance in the unit CEB211 Highway Engineering.
- to the student in the Bachelor of Engineering (Civil) with the best overall performance in the unit CEB506 Pavement Design and Rehabilitation Techniques or equivalent.
- to the student in the Bachelor of Engineering (Civil) for the best design in flexible pavements in the unit CEB211 Highway Engineering.

**Australian Design Awards, Student Award**
Awarded to an industrial design student for developing a product design which has achieved a required level of excellence, demonstrated product management and manufacturing potential.

**Australian Institute of Building, Queensland Chapter Prize**
Awarded to the student with the best academic achievement (Course GPA) in the Bachelor of Applied Science (Construction Management) who has completed the equivalent of two years full time of the course.
Australian Institute of Project Management, Queensland Chapter Prizes
Awarded:
☐ to the Project Management student with the best coursework component
☐ to the Master of Project Management student with the best dissertation.

Australian Institute of Quantity Surveyors (Queensland Chapter)/David McNeill Memorial Award
Awarded to the final-year student of the Bachelor of Applied Science (Quantity Surveying) who shows the highest standard of proficiency in quantity surveying expertise.

Australian Property Institute (Queensland Division) Prize
Awarded to the student with the best performance in the final year of the Bachelor of Applied Science (Property Economics).

Australian Road Federation (Queensland Region) – Road Study Award
Awarded to a student in the Bachelor of Engineering (Civil) who prepares the best assignment in the unit CEB512 Transport Engineering 1.

Australian Water and Wastewater Association/Don King-Scott Memorial Prize*
Donated by the Queensland Division of the Australian Water and Wastewater Association in memory of Don King-Scott's contribution to public health engineering in Queensland. The prize is awarded to a postgraduate student undertaking studies on a water-based project or research. Students must submit a dissertation in competition with students from four other universities.

Board of Architects of Queensland Prizes
Awarded:
☐ to the student who shows the greatest proficiency during the first three years of the architecture courses.
☐ to the student who shows the greatest proficiency on graduation from the Bachelor of Architecture.

Chartered Institute of Transport (Qld) Prize
Awarded to a final year student of the Bachelor of Engineering (Civil) who obtains the highest mark in the unit CEB511 Transport Engineering 2.

Cottrell Cameron and Steen Surveys Pty Ltd Prize
Awarded to the student in the Bachelor of Surveying or the Bachelor of Surveying/Bachelor of Information Technology who obtains the best result in the unit PSB336 Photogrammetry 3.

Deans Awards for Excellence
Awarded to high achieving graduands who have obtained a course GPA of 6.50, or above, in undergraduate courses in the Faculty of Built Environment and Engineering.

Deans Bursary
Six scholarships will be awarded by the Dean of Faculty to one student from each of the Faculty's six schools:
☐ School of Architecture, Interior and Industrial Design
☐ School of Civil Engineering
☐ School of Construction Management and Property
☐ School of Electrical and Electronic Systems Engineering
☐ School of Mechanical, Manufacturing and Medical Engineering
☐ School of Planning, Landscape Architecture and Surveying
To be eligible, the applicant must have completed Year 12 at an Australian secondary school in the year prior to application; been accepted for enrolment in a bachelor degree in one of the Faculty's six schools; and achieved an OP (Overall Position) of 1 or 2. Selection is based on a student's OP, results in the pre-requisite subjects, as well as leadership roles in school and community activities. An interview may be held. Contact the Faculty Prizes Officer or the relevant School office for details. Applications must be lodged by 2 March 1999.

QUT shall not require an award holder to render any service to the University, either during the tenure of the award or upon its completion, as a condition of receipt of the award.

Deans List
At the end of each semester a Deans List, comprising the names of students completing a minimum semester credit point load of 24 credit points, and achieving a semester GPA (Grade Point Average) of 6.50 or better, will be published. The list will be posted on School and Faculty notice boards. Those admitted to the Deans List of students with Excellent Academic Performance will receive a certificate in recognition of their achievement.

Deans Seminar Award and Poster Competition
Awarded to a final-year student of an undergraduate degree in each School of the Faculty of Built Environment and Engineering for excellence in the presentation of a seminar. The seminar may be based on final-year project work or on an industry-related project. Participants will be selected at a school level to represent their respective discipline. A judging panel will select an overall winner at an evening presentation of the seminars.
Each finalist and up to 2 runners-up are given the opportunity to present the subject of their seminar visually as an A1 sized poster. They are judged on their ability to present their poster in a discerning, coherent and visually communicative manner.

**Department of Natural Resources Prize for Dux of the Course**
Awarded to the graduate who achieves the highest aggregate mark in the Graduate Diploma in Surveying Practice.

**DePuy Australia (Livcorp Pty Ltd) Prize**
Awarded for the best final year project in the Bachelor of Engineering (Medical).

**DePuy Australia (Livcorp Pty Ltd)/Technical Aid to the Disabled Prize**
Awarded for the best final year project in the Bachelor of Engineering (Medical) presented at the Student Expo held in October of each academic year.

**Design Institute of Australia Award**
Awarded to the outstanding student in Product Design in the final year of the Graduate Diploma in Industrial Design.

**Department of Main Roads Prize for Engineering and Detail Surveying**
Awarded to the graduate of the Graduate Diploma in Surveying Practice who has achieved a high level of proficiency and demonstrated significant potential in Engineering and Detail Surveying.

**DSTO Tactical Surveillance Systems Division Undergraduate Prize**
Awarded to the final-year student in the Bachelor of Engineering (Electrical and Computer Engineering) or (Aerospace Avionics) or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) or the Bachelor of Engineering (Electronics)/Bachelor of Information Technology who submits a final-year project of exceptional merit in an area of technology relevant to microwave radar.

**Esso Engineering Achievement Awards**
Donated by Esso Australia and:
- Awarded to a student in the Bachelor of Engineering (Electrical and Computer Engineering) with the best GPA in their penultimate year.
- Awarded to a final year student in the Bachelor of Engineering (Electrical and Computer Engineering) who submits the best control systems project.
- Awarded to a student in the Bachelor of Engineering (Mechanical) with the best GPA in the penultimate year.
- Awarded to a student in the Bachelor of Engineering (Mechanical) in the top 10%, who demonstrates the greatest leadership abilities in a third year design elective.

**Fulton Trotter Moss Research Award**
Awarded to a student who demonstrates a high level of potential in fifth-year architectural research.

**Golder Associates Geotechnical Engineering Studies Award**
Donated by Golder Associates Pty Ltd and awarded to a student of the Bachelor of Engineering (Civil) who has obtained high aggregate marks for the units NRB239 Geology for the Built Environment, CEB240 Soil Mechanics 1 and CEB241 Soil Mechanics 2 and, in addition, is interested in working in geotechnical engineering and is seen to have the personal skills and attributes required for advancement within that field.

**Excellence in Graphic Representation of Architecture Prize**
Awarded to a student completing their second year of the Bachelor of Architecture who is judged to have achieved excellence in graphic representation and architecture.

**Ipex Pipelines Awards**
Awarded to a student enrolled in the penultimate year of the Bachelor of Engineering (Civil) and the Bachelor of Technology (Civil). The awards are made on the basis of academic performance in units related to water engineering or engineering projects and practice, together with consideration of the students interests and involvement in engineering practice and activities both within the University and the community.

**James Hardie Windows Prize**
Awarded to the student who obtains the highest result in a management unit, approved by the Course Coordinator, in the final year of the Bachelor of Engineering (Mechanical).

**Hastings Deering (Australia) Ltd Scholarship**
Awarded to a third-year student in the Bachelor of Engineering (Mechanical). Criteria includes
academic achievement and a demonstrated interest in equipment maintenance and its importance in today's mining environment.

**Heilbronn and Partners Pty Ltd Prize**
Awarded to the student with the highest result in the unit PSB322 Land Development Practice 3 in the Bachelor of Surveying.

**Heilbronn and Partners Pty Ltd Prize for Survey Project Management**
Awarded to the graduate of the Graduate Diploma in Surveying Practice who has achieved a high level of proficiency and demonstrated significant potential in Survey Project Management.

**Incitec Scholarship**
Available to third year Bachelor of Engineering (Mechanical) students for use during their final year of study. Criteria include academic merit, career ambitions, communication skills and extra-curricula interests.

**Institution of Electrical Engineers Prize**
Awarded to the honours student submitting the best project in the final year of either the Bachelor of Engineering (Electrical and Computer Engineering) or (Aerospace Avionics) or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) or the Bachelor of Engineering (Electronics)/Bachelor of Information Technology.

**Institution of Engineers, Australia – J.H. Curtis Award**
Donated by the Institution of Engineers, Australia (Queensland Division) and awarded to a Bachelor of Engineering student who submits the best final-year project.

**Institution of Engineers, Australia – Electrical College Student Award**
Awarded to the final-year student in the Bachelor of Engineering (Electrical and Computer Engineering) or (Aerospace Avionics) or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) or the Bachelor of Engineering (Electronics)/Bachelor of Information Technology with the highest grade point average who is also a Student Member of the Institution of Engineers, Australia.

**Institution of Surveyors, Australia (Queensland Division) – N.J. Nielson Prize**
Awarded to a third-year student of the Bachelor of Surveying degree course who demonstrates a high level of proficiency in practical and academic work, and a sincere interest in the surveying profession.

**Institution of Surveyors, Australia (Queensland Division) – S.E. Reilly Prize**
Awarded to the final-year student of the Bachelor of Surveying degree course who demonstrates a high level of proficiency in practical work as well as academic work, taking into account community spirit as displayed by willingness to take part in activities outside the scope of the formal degree course.

**Institution of Surveyors, Australia (Queensland Division) Prize for Professional Practice**
Awarded to the graduate of the Graduate Diploma in Surveying Practice who has demonstrated a thorough understanding of the legal responsibilities of surveyors, a high level of professionalism and a commitment to working for the advancement of the profession.

**Intralux Australia Pty Limited Prize in the Creative Use of Artificial Illumination**
Awarded to an interior design student with the most innovative conceptual design for a defined scenario.

**Intralux Industrial Design Prize**
Criteria to be confirmed.

**IEEE – MITEC Award**
Donated by the Institution of Radio and Electronics Engineers Australia (Brisbane Division) and MITEC Australia Ltd and awarded to the graduating student of the Bachelor of Engineering (Electrical and Computer Engineering) or (Aerospace Avionics) or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) or the Bachelor of Engineering (Electronics)/Bachelor of Information Technology with the best performance in units relating to electronics and communications.

**Jasco Pty Ltd Prize**
Awarded to the Bachelor of Technology (Mechanical) student with the best performance in the unit MMB182 Computer Aided Design and Drafting.

**John Grayson Pike Memorial Prize for Cadastral Surveying**
Donated by the Association of Consulting Surveyors (Queensland) and Pike Mirls McKnoulty Pty Ltd and awarded to the graduate of the Graduate Diploma in Surveying Practice who has achieved a high level of proficiency and demonstrated significant potential in cadastral surveying.
John Kindler Memorial Prize
Awarded in memory of Mr John Kindler, former Chief Engineer in the Coordinator General’s Department, to a graduate of an Engineering degree course for outstanding performance throughout the course. Selection is based not only on academic achievement, but required an involvement in sport, campus and general community activities, concern for and relation with peers and a mature approach to their potential as a graduate. Candidates must attend a personal interview.

Jones Lang Wootton (Qld) Pty Limited Prize for Commercial Property
Awarded to the student with the most outstanding performance in the unit CNB382 “Statutory and Specialist Valuations” in the Bachelor of Applied Science (Property Economics).

Lawson Surveys Prize
Awarded to the student in the second year of the Bachelor of Surveying who demonstrates the highest level of achievement in practical work in the units PSB328 “Land Surveying 4” and PSB329 “Land Surveying 5”.

Lumascap Industrial Design Prize
Criteria to be confirmed.

Karl Langer Memorial Award
Donated by the Australian Institute of Landscape Architects and awarded to a student in the Graduate Diploma in Landscape Architecture who, in the opinion of the adjudicators, shows marked potential for the practice of landscape architecture.

Keilar Fox and McGhie Pty Ltd Prize for Mapping
Awarded to the graduate of the Graduate Diploma in Surveying Practice who has achieved a high level of proficiency and demonstrated significant potential in Mapping.

Leica Geosystems Pty Limited Prize
Awarded to the student with the best performance in the unit PSB630 “Cartography and Digital Mapping” in the Bachelor of Surveying.

Local Government Engineering Prize
Donated by the Queensland Foundation for Local Government Engineering and awarded to the graduating Bachelor of Engineering (Civil) student who obtains the best overall performance in the units CEB405 “Civil Engineering Design 2”, CEB315 “Traffic Engineering”, CEB371 “Water and Waste Water Systems”, CEB305 “Construction Planning and Economics” and, where appropriate, CEB401 “Design Project” and/or electives.

Mapping Science Institute, Australia (Queensland Division) Prize
Awarded to a surveying student with the best performance in the unit PSB308 Cartography 3.

Michael P. Schloman Memorial Prize in Built Environment
Donated by Astra Panels Pty Ltd and awarded to a student undertaking the Bachelor of Built Environment who, at the first attempt, shows the greatest overall proficiency in the first-year units of the course.

MIM Holdings Limited Prize - Engineering
Awarded to a final-year student in a Bachelor of Engineering course who undertakes a project of benefit to MIM Holdings Limited and/or the mining industry and which is judged to be of a high academic standard.

Minister for Local Government and Planning - Town Planning Prize
Awarded to the final-year student in the Graduate Diploma in Urban and Regional Planning whose thesis is considered to contribute most towards the advancement of town planning in the area of local government.

National Trust Historic Building Prizes
Awarded to two final-year students, one from the School of Architecture, Interior and Industrial Design and one from the School of Planning, Landscape Architecture and Surveying, for a thesis (or project) study of an historic building or precinct related to Queensland.

Neville Lund Memorial Prize
Awarded to the student in the final year of the Bachelor of Built Environment (Landscape Architecture or Urban and Regional Planning major) for the best project in integrated environmental design.

Norman Disney and Young Prize for Property Management
Awarded to a Bachelor of Applied Science (Property Economics) student with the most outstanding performance in the units CNB386 “Property and Asset Management”.

Paddy Behan Memorial Prize – Design in Landscape Architecture
Donated by the Local Government Association of Queensland and awarded to the student in the Graduate Diploma in Landscape Architecture who shows the most outstanding ability in the final-year unit PSP217 “Landscape Design”.

Paddy Behan Memorial Prize - Planning Study
Donated by the Local Government Association of Queensland and awarded to the student enrolled in the Master of Urban and Regional Planning, with the best performance in the unit PSN212 “Research Project 2”.

Peter McAnally Memorial Prize
Donated by the staff of the School of Civil Engineering in memory of their esteemed colleague and lecturer in geotechnical engineering and awarded to the best student in the elective units CEB541 and CEB542 “Geotechnical Engineering 2 and 3” or CEB541 “Geotechnical Engineering 2” and CEB543 “Environment Geotechnology”.

President, Surveyor Board, Prize for Leadership and Innovation
Donated jointly by the Surveyors Board of Queensland and the School of Planning, Landscape Architecture and Surveying and awarded to the graduate of the Graduate Diploma in Surveying Practice who has exhibited leadership skills and demonstrated a capacity to look to the future and who has the potential to provide leadership in innovative technology.

Queensland Cement Limited Scholarship* (Interfaculty Scholarship)
Available to undergraduate students in their penultimate year of the Bachelor of Engineering (Electrical and Computer Engineering)*. Criteria include academic merit, career ambitions, communication skills and extra-curricula interests.

Queensland Cement Limited Prize
Awarded to the student with the best academic achievement in the Bachelor of Applied Science (Construction Management) who has completed the equivalent of three years full-time of the course.

Queensland Department of Main Roads Prizes
These prizes are awarded to officers of the Queensland Department of Main Roads in attendance at this University with the best performance in the Bachelor of Engineering (Civil) (Part-Time) and the Bachelor of Technology (Civil) (Cadet Draftsperson).

Department of Main Roads – Queensland Transport Prize
Awarded to a student who has completed the third year of the Bachelor of Engineering (Civil) Degree. Selection is based on the academic record for third year units, the preparation of a paper on a transport or roads issue and the presentation of a seminar at Main Roads or Queensland Transport.

Queensland Electronic Development Association Prize
Awarded to the student in the Bachelor of Engineering (Electrical and Computer Engineering) or (Aerospace Avionics) or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) or the Bachelor of Engineering (Electronics)/Bachelor of Information Technology with the best performance in the units EEB820 Engineering Management and EEB821 Production Technology and Quality.

Queensland Major Contractors Association (QMCA) Award
Donated by the Queensland Major Contractors Association and awarded to:

☐ an undergraduate Civil Engineering Student who is most likely to succeed as a Civil Engineer in the Construction Industry.

☐ an undergraduate Mechanical Engineering student who is most likely to succeed as a Mechanical Engineer in the Construction Industry.

Royal Automobile Club of Queensland Ltd (RACQ) Scholarship*
Awarded on the basis of academic merit and willingness to complete course project work in an area of interest to the RACQ. Final year Mechanical and Civil Engineering students welcome to apply.

REIQ Prize in Property Economics
Donated by The Real Estate Institute of Queensland Ltd and awarded to a first year student of the Bachelor of Applied Science (Property Economics) with the best academic achievement.

Rider Hunt Research Prize for Quantity Surveying
Awarded to the student in the Bachelor of Applied Science (Quantity Surveying) who has submitted the research paper judged to have the highest standard both in content and presentation, on a topic related to the quantity surveying profession.

R.N. Hammon Scholarships*
This scholarship is offered to participating students across five post-secondary institutions in Queensland. The scholarships are available to Aboriginal and Torres Strait Island students who have successfully completed at least one year of a course at a participating institution and are enrolling on a full-time basis for a subsequent year of that course or for a further course at that or another participating institution.
Preference is given to applicants enrolling for courses in the fields of Engineering, Architecture, Science, Medicine, Dentistry, Agriculture and Veterinary Science.

**Robert S. Brodribb Memorial Prize**
Donated by Mrs R.S. Brodribb and the Institute of Municipal Engineering Australia (Queensland Division Inc.) and awarded to the student who exhibits the most outstanding performance in those units related to the Local Government Engineering major within the Graduate Diploma in Municipal Engineering or the Master of Engineering Science (Civil) courses.

**Rocla Prize**
Donated by Rocla Pipeline Products and awarded to the Bachelor of Engineering (Civil) third-year student who achieves the best academic results from both the final examination and class assignment in the units CEB305 Construction Planning and Economics and CEB309 Construction Practice. The selected student must show an aptitude for construction management.

**Royal Australian Institute of Architects – QIA Medallion**
Awarded to the most outstanding student in the sixth year of the Bachelor of Architecture. The student must have shown consistent progress throughout the course.

**Royal Australian Planning Institute Prizes**
Awarded:
- to the final-year student with the best overall performance in the Graduate Diploma in Urban and Regional Planning
- for the best performance by a final-year student in either the Urban and Regional Planning or Landscape Architecture strand of the Bachelor of Built Environment
- to the student in the first year of the Graduate Diploma in Urban and Regional Planning who, in the opinion of the Head of School, has achieved the best overall performance for the year
- to the student in the second year of the Graduate Diploma in Urban and Regional Planning who, in the opinion of the Head of School, has achieved the best overall performance for the year.

**School of Electrical and Electronic Systems Engineering Course Coordinators Prizes**
Awarded to:
- a Bachelor of Engineering (Electrical and Computer Engineering) student with the best academic achievement (overall course GPA) enrolled in the unit EEB101 Circuits and Measurements.
- a Bachelor of Engineering (Electrical and Computer Engineering) student with the best academic achievement (overall course GPA) enrolled in the unit EEB375 Electronics 1.
- a Bachelor of Engineering (Electrical and Computer Engineering) student with the best academic achievement (overall course GPA) enrolled in the unit EEB591 Systems Programming Languages.
- a Bachelor of Engineering (Aerospace Avionics) student with the best academic achievement (overall course GPA) enrolled in the unit EEB101 Circuits and Measurements.
- a Bachelor of Engineering (Aerospace Avionics) student with the best academic achievement (overall course GPA) enrolled in the unit EEB375 Electronics 1.
- a Bachelor of Engineering (Aerospace Avionics) student with the best academic achievement (overall course GPA) enrolled in the unit MAB893 Engineering Mathematics 3.
- a Bachelor of Engineering (Electronics)/Bachelor of Information Technology student with the best academic achievement (overall course GPA) enrolled in the unit EEB101 Circuits and Measurements.
- a Bachelor of Engineering (Electronics)/Bachelor of Information Technology student with the best academic achievement (overall course GPA) enrolled in the unit EEB310 Network Synthesis.
- a Bachelor of Engineering (Electronics)/Bachelor of Information Technology student with the best academic achievement (overall course GPA) enrolled in the unit EEB591 Systems Programming Languages.
- a Bachelor of Engineering (Electronics)/Bachelor of Information Technology student with the best academic achievement (overall course GPA) enrolled in the unit EEB821 Production Technology and Quality.
- a Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) student with the best academic achievement (overall course GPA) enrolled in the unit EEB101 Circuits and Measurements.
- a Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) student with the best academic achievement (overall course GPA) enrolled in the unit EEB310 Network Synthesis.
☐ a third year Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) student with the best academic achievement in EEB362 Introduction to Telecommunications.

☐ a first year Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business student with the best academic achievement in EEB101 Circuits and Measurements.

**Society for Growing Australian Plants Prize**
Donated by the Society for Growing Australian Plants (Queensland Region) Inc and awarded to a student in the Graduate Diploma in Landscape Architecture for the best design using Australian native plants.

**Society of Engineering Associates Award**
Awarded to an outstanding graduate of a Bachelor of Technology course.

**Society of Manufacturing Engineers Prize**
Awarded to the full-time student in the Bachelor of Engineering (Manufacturing Systems)/Bachelor of Business (Marketing) who submits the best project in the unit MEB901 Industry Project.

**Suncorp Property Economics Prize**
Donated by Suncorp Investment Management Ltd and awarded to the student in the Bachelor of Applied Science (Property Economics) with the most outstanding performance in the units CNB381 Property Investment Analysis 1 and CNB385 Property Investment Analysis 2.

**Surveying Staff Land Studies Prize**
Donated by the staff of the Discipline of Surveying and awarded to the student in the Bachelor of Surveying who completes second year with the highest result in the unit PSB317 Land Administration 3.

**Technical Aid to the Disabled Queensland Inc. Prize**
Donated by the charity that makes custom designed aids for people with disabilities. The prize is awarded for the best final year project in the area of rehabilitation by a final year graduating student in the Bachelor of Engineering (Medical).

**Telstra Engineering Prize**
Awarded to the third-year full-time student in the Bachelor of Engineering (Electrical and Computer Engineering) or (Aerospace Avionics) or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business or the Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) or the Bachelor of Engineering (Electronics)/Bachelor of Information Technology completing the unit EEB564 Information Theory Modulation and Noise at the first attempt, who achieves the highest semester GPA in the semester in which the unit (EEB564) is completed.

**The Bachelor of Surveying Bursary**
Donated jointly by the Surveyors Board of Queensland and the School of Planning, Landscape Architecture and Surveying. The award will be awarded to a first year student enrolled in the Bachelor of Surveying (BSurv) course. To be eligible applicants must have completed Year 12 at a secondary school in Queensland in the year immediately prior to enrolment in the full-time Bachelor of Surveying course. Selection will be based on the students OP (Overall Position) Score. The prospective recipient will be notified at the commencement of semester 1 of their eligibility and the prize conditions. Prize conditions include: the successful completion of all units in the first semester of study and the continuation into second semester.

**The Institute of Materials Engineering Australasia Prize**
Awarded to the student who achieves the highest marks in the first semester elective unit, MEB532 Advanced Materials.

**Thiess Contractors Indonesian Scholarship**
Two scholarships per year are awarded to Indonesian students who articulate from Indonesian polytechnic programs to complete an Engineering degree at QUT. The scholarships are awarded on the basis of academic merit and economic need.

**Urban Design Advisory Council Surveying Prize**
Donated from a fund established by the Urban Design Advisory Council and awarded to the student enrolled in the Bachelor of Applied Science (Surveying) who produces the best urban design in the final year of the course.

**Urban Design Advisory Council Town Planning Prize**
Donated from a fund established by the Urban Design Advisory Council and awarded to the student in the Master of Urban and Regional Planning with the best performance in the unit PSN221 Advanced Specialisation.

**Woods Bagot Bursary in Architecture**
Awarded to a graduate who is a continuing student of academic excellence in Architecture with high achievement in the unit Architectural Design 6, and with an ability to recognise the relationship between academic studies and the needs of the profession in Architecture.
Woods Bagot Bursary in Industrial Design
Awarded to a graduate who is a continuing student of academic excellence in Industrial Design with high achievement in the unit Industrial Design 4, and with an ability to recognise the relationship between academic studies and the needs of the profession in Industrial Design.

Woods Bagot Bursary in Interior Design
Awarded to a graduate who is a continuing student of academic excellence in Interior Design with high achievement in the unit Interior Design 6, and with an ability to recognise the relationship between academic studies and the needs of the profession in Interior Design.

Zonta Award for Excellence in the Fine-Arts – Architecture*
Awarded to a female student at QUT with a course GPA of 5.5 or better. Students must self-nominate to be considered for the award. In nominating, a student must provide a study plan (on the form provided), that is approved by the Head of School. A wide range of plans could be acceptable. The minimum acceptable plan must satisfy the academic requirements of the course for at least an elective unit of 12 credit points (e.g. to travel for one month in China to study Buddhist Temples and submit an acceptable assignment and present a seminar). The maximum acceptable plan is for assistance to study on an exchange program at an international institution for two semesters (e.g. to study at the Milan Polytechnic for one year and satisfy the assessment requirements for the approved program).

The Award must be taken up by February of the year following the presentation. Upon return from the study the recipient of the award must present a seminar to members of the School and members of Zonta (this will form a compulsory part of the academic assessment for the study). The recipient of the award is also expected to present a seminar to an international Zonta club during the course of the study travel.

FACULTY OF BUSINESS
The following list of prizes is subject to final approval by respective sponsors and may be changed or withdrawn without notice.

* Scholarships for which students are required to apply to be considered are starred.

Advertising Institute of Australia Prize
Awarded to the Bachelor of Business graduand who achieves the highest aggregate marks in the six unit advertising specialisation.

Ansett Airlines/CITIA Prize for Transport and Communication Economics
Awarded to the Bachelor of Business student who achieves the best academic result in the unit EFB217 Transport and Communication Economics.

APACA Arts Administration Prize
Awarded to the highest achieving graduating student in the Arts Administration Program.

Arthur Andersen Leadership Scholarships
□ Business Studies – Awarded to two students enrolled full-time in the Bachelor of Business (Accountancy) on completion of their first semester in their second year of study. Selection is initially based on academic achievement. Students then undertake an interview designed to assess motivation, communication, interpersonal skills and initiative.

□ Business/Law Studies – Awarded to two students enrolled full-time in the Bachelor of Business (Accountancy)/Bachelor of Laws on completion of their first semester in their fourth year of study. Selection is initially based on academic achievement. Students then undertake an interview designed to assess motivation, communication, interpersonal skills and initiative.

Australian Human Resources Institute Prizes
□ Awarded to the second-year student with the best overall performance in the Major Core Units of the Bachelor of Business (Human Resource Management) course.

□ Awarded to the graduating student with the best overall performance in the major and extended major in the Bachelor of Business (Human Resource Management) course.

Australian Institute of Management Prizes
□ Awarded to the full-time or part-time Bachelor of Business (Management) student for high achievement on completion of units which comprise the first full-time year of the Bachelor of Business.

□ Awarded to the full-time or part-time Bachelor of Business (Management) student for consistently high achievement on completion of units which comprise the second full-time year of the Bachelor of Business.

Australian Society of Certified Practising Accountants Prizes
□ To qualify, a student must be studying the Bachelor of Business course majoring in Accountancy or Banking and Finance full-time for the first time. The student must pass at least eight units in the first year of enrolment including BSB110
Accounting, AYB121 Financial Accounting, and AYB120 Business Law. The student with the best grade point average over the eight units is the recipient of the prize.

To qualify, a student must have studied Accountancy full-time over the previous two years and have completed at least 16 units. The second-year student with the greatest grade point average over the best eight units studied in the second year of enrolment is the recipient of the prize.

Awarded to the full-time graduating student in the Bachelor of Business course majoring in Accountancy or Banking and Finance who completes the course in minimum time, who is eligible for membership of the Australian Society of Certified Practising Accountants and who has the best grade point average.

Brisbane Commercial Radio Stations Prize
Donated by the Federation of Australian Radio Broadcasters and awarded, in conjunction with the Faculty of Arts, to the Bachelor of Business (Journalism) or Bachelor of Arts (Journalism) graduand who achieves the best overall results in radio broadcasting units.

BTQ Channel 7 Scholarship *
Awarded to a final year Bachelor of Business or Bachelor of Arts student majoring in advertising, film and television production, journalism or public relations on the basis of academic merit, motivation and the ability to succeed.

Butterworths Book Prizes
Awarded to the student who achieves the best academic result in the unit EFB310 Financial Institutions – Control.

Awarded to the student who achieves the best academic result in the unit AYB311 Financial Accounting Theory.

Awarded to the student who achieves the best academic result in the unit AYB120 Business Law.

Awarded to the student who achieves the best academic result in the unit MGB201 Employment Regulation and Administration.

Castlemaine Perkins Scholarship*
Awarded to a second year full-time Bachelor of Business (Human Resource Management) student on the basis of academic merit and economic need.

Coca-Cola Amatil Scholarship *
Awarded to a first year full-time Bachelor of Business student on the basis of academic merit and economic need.

Commonwealth Bank Award
Awarded to the Bachelor of Business student who, at the first attempt, achieves the best academic result in the unit BSB113 Economics.

Country Press Award
Donated by the Queensland Country Press Association and awarded, in conjunction with the Faculty of Arts, to the student who achieves the best academic result in the unit MJB224 Feature Writing.

The Courier-Mail Prize for Journalism
Donated by Queensland Newspapers Pty Ltd and awarded, in conjunction with the Faculty of Arts, to the graduating student with the best overall performance in the Bachelor of Business (Journalism) or Bachelor of Arts (Journalism) degree.

Deans Award for Excellence
Awarded to students who obtain a Grade Point Average that signifies that they have excelled in their course of study. Given the nature of the award, the Dean may at her discretion set a minimum standard of academic performance for receipt of this award. The award is offered for all undergraduate, Honours and Masters degree courses of the Faculty of Business.

Dean’s List
The Dean’s List comprises the names of undergraduate students who, in a given semester, complete a minimum of 24 credit points and achieve a grade point average of 6.50 and above. The names of students admitted to the Dean’s List will be posted on Faculty notice boards.

Douglas Heck Award
Awarded to the Bachelor of Business (Accountancy) graduand who passes the units AYB225 Management Accounting I and AYB321 Management Accounting Theory for the first time and obtains the highest average grade over the two units.

Economic Society of Australia (Queensland) Inc. Prize
Awarded to the graduating full-time student with the best overall performance in the Bachelor of Business (Economics) degree.

Federation of Australian Radio Broadcasters Grants
Awarded, in conjunction with the Faculty of Arts, to the student who achieves the highest grade in the radio segment of the unit MJB338 Radio and Television Journalism II.

Awarded, in conjunction with the Faculty of Arts, to the student who achieves the highest grade in
the radio component of the unit COB300 Advanced Advertising.

Golden Casket Lottery Corporation Limited Strategic Marketing Prize
Awarded annually to the Bachelor of Business (Marketing) graduand who achieves the best academic result in the unit MIB315 Strategic Marketing.

Hays Accountancy Personnel Prize
Awarded annually to the Bachelor of Business student who, for the first time, the unit AYB225 Management Accounting I and achieves the best academic result.

Human Resource Management Group Prize
Awarded to the Bachelor of Business student who, at the first attempt, achieves the best academic result in the unit MGB305 Human Resource Management Strategy and Policy.

Information Systems Audit and Control Association Prize
Awarded annually to the student who achieves the highest mark at the first attempt in the unit AYB309 Computer Security and Audit.

Institute of Chartered Accountants, Australia Prize
Awarded to the full-time Bachelor of Business (Accountancy) graduand who, at the first attempt, obtains the highest aggregate pass in the units AYB311 Financial Accounting Theory, AYB301 Auditing and AYB325 Taxation Law.

Institute of Financial Services (Queensland Division) Prize
Awarded to the Bachelor of Business student majoring in Banking and Finance who achieves the best academic result in the unit EFB201 Australian Financial Markets.

Institute of Public Administration Australia (Queensland Division) Prize
Awarded to the Bachelor of Business student who, at the first attempt, achieves the best academic result in the unit BSB114 Government Business and Society.

The Institute Prize
Sponsored by the Australian Institute of Banking and Finance Inc. and awarded annually to the student who obtains the highest aggregate mark in the unit EFB311 Financial Institutions – Lending.

Introductory Economics Prize
Awarded each semester to the Bachelor of Business student majoring in Banking and Finance or Economics who completes the unit EFB102 Economics II in a given semester and achieves the best academic result in the units BSB113 Economics and EFB102 Economics II.

J.F. Storr Memorial Prize
Donated by the Australian Society of Certified Practising Accountants. (Criteria to be confirmed.)

KPMG Prizes
□ Awarded to the full-time or part-time Bachelor of Business student majoring in Accountancy or Banking and Finance who, at the first attempt, achieves the best academic result in the unit AYB121 Financial Accounting.
□ Awarded to the full-time or part-time Bachelor of Business student majoring in Accountancy who, at the first attempt, achieves the best academic result in the unit AYB301 Auditing.

Lionel Ledlie Prize
Sponsored by the Industrial Relations Society of Queensland and awarded to the student who achieves the best academic result in the unit MGB204 Industrial Relations.

Malcolm Moore Medallion
Donated by the Australian Institute of Management in honour of a founder member of the Institute, this prize is awarded to the outstanding student who has performed at a consistently high standard while enrolled in the Bachelor of Business.

MBA Medallion
Donated by the Faculty of Business, the MBA Medallion is an award made in recognition of academic excellence. To qualify for consideration for the award, a student must have demonstrated academic excellence throughout the entire Master of Business Administration program and have passed all units at a uniformly high standard.

Merv Hoskins Memorial Prize
Donated by Mrs Hoskins and awarded to the Bachelor of Business student majoring in Accountancy or Banking and Finance who achieves, at the first attempt, the best academic result in the units BSB110 Accounting and AYB121 Financial Accounting in one academic year.

Morgan & Banks Human Resources Excellence Award
Awarded each semester to the student who achieves the best academic result in the unit GSN205 Managing Human Resources.

Orica Australia Pty Ltd Prize
Awarded to the final-year student enrolled in the Bachelor of Business (Marketing) who achieves the best overall performance.
PRIA Queensland Award
Donated by the Public Relations Institute of Australia (Queensland) and awarded to the Bachelor of Business (Communication) graduand specialising in Public Relations who has demonstrated academic distinction in the public relations units and has epitomised the highest standards of the public relations profession.

PricewaterhouseCoopers Prizes
- Awarded to the student enrolled in the Bachelor of Business majoring in Accountancy or Banking and Finance who attempts, for the first time, the unit AYB220 Company Accounting and achieves the best academic result.
- Awarded to the student enrolled in the Bachelor of Business (Accountancy)/Bachelor of Laws who attempts, for the first time, the unit LWB334 Corporate Law and achieves the best academic result.

Queensland Audit Office Prizes
- Awarded to the full-time or part-time Bachelor of Business (Accountancy) student who, at the first attempt, obtains the best overall combined result in the units AYB301 Auditing and AYB309 Computer Security & Audit in the one academic year.
- Awarded to the postgraduate student who, at the first attempt, obtains the best result in the unit AYN409 Auditing Standards & Practice.

Queensland Local Government Accountants Association Prize
Awarded to the student who obtains the best academic result in the undergraduate elective AYB313 Government Accounting.

Queensland Tourist and Travel Corporation Prize
Awarded each semester to the student enrolled in the unit COB329 Publicity Methods who submits the best design plan and program for promoting tourism in Queensland.

QUT Marketing Trust Fund Prize
Donated by the School of Marketing and International Business and awarded to the Bachelor of Business (Marketing) student who achieves the best academic result in the unit MIB305 Market Research.

Sidney Webb Memorial Prize
Donated by the School of Management and awarded to the Bachelor of Business (Human Resources Management) or Bachelor of Business (Management and Human Resource Management) student who, at the first attempt, achieves the best academic result in the unit MGB221 Work and Performance.

Society of Business Communicators (Queensland) Prize
Awarded to the Bachelor of Business (Organisational Communication) graduand who achieves the best overall performance in the units COB318 Organisational Communication, COB313 Consulting for the Communication Specialist, COB311 Communication Practice: Interpersonal and Presentational Strategies and COB314 Corporate Writing and Editing.

Stewarts Hotels Prize
Awarded to the student who receives the highest result in the unit MIB311 Services Marketing.

Suncorp-Metway Allfinanz Scholarship*
Awarded to a second year full-time Bachelor of Business student majoring in Banking and Finance.

Sunsuper Prize
Awarded to the Bachelor of Business student who, on the first attempt, achieves the best academic result in the unit MGB322 Remuneration Management.

Suzanne Lines Memorial Scholarship*
Sponsored by the Australian Services Union and the Brisbane City Council and awarded to a second year Bachelor of Business student majoring or specialising in Industrial Relations or a student completing the Graduate Diploma in Business (Industrial Relations) on the basis of academic merit and economic need.

Taxation Institute of Australia Prize
Awarded to the full-time or part-time Bachelor of Business student majoring in Accountancy or Banking and Finance who achieves the best academic result in the unit AYB325 Taxation Law.

Wilson Workforce Prizes
- Awarded to the student who, at the first attempt, achieves the best academic result in the unit GSN107 Managing Innovation and Enterprise Development.
- Awarded to the Bachelor of Business student who, at the first attempt, achieves the best academic result in the unit BSB114 Government, Business and Society.

FACULTY OF EDUCATION
The following list of prizes are subject to final approval by respective donors and may be changed or withdrawn without notice.

Australian Association for Research in Education Award
Offered on a year to year basis and open to all full-time, commencing postgraduate research students of the Faculty of Education. Calls for nominations
are made on a rotational basis from the Research Centres and Research Concentration attached to the six Schools of the Faculty of Education. Applicants are to apply through the Director of their Centre or Concentration with supporting rationale to the Faculty of Education Higher Degrees Advisory Committee. Preference given to applicants with a demonstrated involvement in the Associations activities.

**Australian College of Education Award**
Awarded on a year-to-year basis to the most outstanding graduate of initial teacher education. The awardee must have been enrolled in the Bachelor of Education (Pre-service) Secondary, Primary, Early Childhood or a double degree program entailing the Bachelor of Education (Secondary) award at QUT for at least two years full-time or equivalent and must have achieved the highest overall course GPA.

**Australian Association of Special Education Award**
Awarded annually to the outstanding graduate completing one of the Bachelor of Education (Pre-service) ED50, ED51 or ED52 in the year of the award and who has outstanding performance in a practicum unit undertaken in a Special/Support inclusive educational environment; who achieves the highest performance in two of the units of Special/Support inclusive education (HMB375, LEB331, LEB332, EAB324, CPB338, LEB305, PRB301) and who has achieved the highest overall course GPA in cases where more than one student has achieved the highest performance in the units for Special/Support inclusive education. Students enrolled in a double degree entailing the Bachelor of Education (Secondary) award who have achieved the highest performance in two of the aforementioned units and has satisfied the practicum requirement are also eligible for the award.

**Queensland Institute for Educational Administration Award**
Awarded on a year-to-year basis to the outstanding graduate in educational administration. The student must have graduated in the year of the award with the highest Grade Point Average (GPA) in educational leadership/management studies at QUT.

**FACULTY OF HEALTH**

The following list of prizes is subject to final approval by respective donors and prizes may be changed or withdrawn without notice.

**Allergan Optical Prize**
Awarded to the third year student who gains the highest aggregate mark in the units OPB509 Optometry 5 and OPB609 Optometry 6.

**Australian Institute of Environmental Health Prize**
Awarded to the student who obtains with distinction the highest grade point average in the Bachelor of Health Science (Environmental Health).

**Centaur Memorial Fund for Nurses Award**
Donated by the committee of the Centaur Memorial Fund for Nurses, and awarded to the student who gains the best grade point average in the final semester of the Bachelor of Nursing (Pre-registration) course.

**L.K. Claxton Award**
Donated by the Australian Podiatry Association (Qld) and awarded to the student who shows the greatest proficiency in the first year of clinical studies.

**Deluxe Surgical Award**
Donated by the Deluxe Surgical Company Pty Ltd and awarded to the final year student in the Bachelor of Health Science – Podiatry who gains the greatest distinction overall in the final year of the degree.

**Dietitians Association of Australia – Queensland Branch Prize**
Awarded to the student in the Bachelor of Health Science (Nutrition and Dietetics) who is overall the top achiever taking into account the aggregate marks in the fourth year of professional practice and overall performance in all areas.

**Food Technology Association of Queensland Prize**
Awarded to the graduand who obtains the highest aggregate marks in the Bachelor of Health Science (Nutrition and Dietetics).

**A.M. Fraser Health Award**
Awarded to a student in any course in health who demonstrates exceptional application, determination and enterprise in successfully completing his or her course. Selected by a panel of academic staff from nominations submitted by class members from each course in the School.

**C.W. Graves Award for Orthotics**
Donated by the Australian Podiatry Association (Queensland Branch), and awarded to the final year student who has shown the greatest proficiency in the area of Orthotics.

**Health Information Management Association of Australia Queensland Branch Prize**
Awarded to the graduand who obtains the highest aggregate mark at the first attempt of PUB199 Health Information Management 1, PUB298 Health Information Management 2, PUB599 Health Information Management 3 and PUB619 Health Information Management 4.
Home Economics Professional Associations
Prizes
Awarded by the Home Economics Institute of
Australia (Queensland Division) and the QUT Home
Economics Alumni for excellence in home
economics.

Hydron Prize
Awarded to the third year student who gains the
highest mark in the unit OPB617 Contact Lens
Studies 6.

Dr Leo Kelly Award for Dermatology
Donated by the Australian Podiatry Association
(Qld), and awarded to a third-year Podiatry student
for achievement in Dermatology.

Miltex Achievement Award
Donated by Ozthotics Pty Ltd, and awarded to the
student in the Bachelor of Health Science (Podiatry)
who attains the highest level of distinction in clinical
podiatry during the final year.

National Centre for Classification in Health
Clinical Coding Prize
To be awarded to the student who gains the highest
aggregate mark, at the first attempt, in PUB456
Clinical Classification 2 and the clinical
classification component of PUB619 Health
Information Management 4.

OPSM Prize
Awarded to a third-year Optometry student, taking
into account aggregate marks in OPB505 Clinical
Optometry 5 and Clinical Optometry 6, and clinical
performance as judged by clinical instructors in
Optometry.

Optometrists Association of Australia Clinical
Excellence Award
Awarded to a fourth-year Optometry student taking
into account aggregate marks in OPB705 Clinical
Optometry 7, OPB805 Clinical Optometry 8 and
OPB807 Practice Management, and clinical
performance as judged by clinical instructors in
Optometry.

Optometrists Association of Australia Book
Prize
Awarded to the first year Optometry student with
the highest course GPA.

Duncan Palmer Memorial Prize
Donated jointly by the Australian College of Health
Services Executives and the Minister for Health, and
awarded to the student who gains the highest
aggregate marks at the first attempt in the units
PUB659 Health Services Management and PUB655
Health Policy and Planning in the Bachelor of Health
Science (Health Administration), or (Health
Information Management).

Public Health Association, Qld Branch Prize
Awarded to the most outstanding student thesis in
Master of Public Health across three universities
(QUT, UQ and Griffith). The thesis will be judged
on originality, impact to public health in Queensland
and overall scientific merit.

Queenstate Awards
Donated by Queenstate Nursing Service Pty Ltd, and
awarded to one student from the pre-registration and
one student from the post-registration Bachelor of
Nursing courses for the best overall results in the
units NSB321 Professional Practice Development
and NSB224 Research Approaches in Nursing.

Safety Institute of Australia Medal
Awarded for outstanding academic performance to
one graduand of the Graduate Diploma in
Occupational Health and Safety and one graduand
of the Bachelor of Health Science (Occupational
Health and Safety).

Spotless Catering Services Prize
Awarded to the student enrolled in the Bachelor of
Health Science (Nutrition and Dietetics) who
submits the best report in the unit PUB824 Practice
in Food Service Management.

Ken Ward Memorial Prize
Awarded to the student studying in the second year
of the optometry course, with the highest aggregate
marks in the units OPB312 Visual Science 3 and

Workplace Health and Safety Board Higher
Education Award
Awarded to a student with the highest standard in
the practical application of a workplace health and
safety project in either the Bachelor of Health
Science (Occupational Health and Safety) or the
Graduate Diploma in Occupational Health and
Safety.

Carl Zeiss Pty Limited Award
Awarded to the first-year Optometry student who
obtains the highest aggregate marks in the unit
OPB150 Optometry 2.

FACULTY OF INFORMATION
TECHNOLOGY
The following list of prizes is subject to final
approval by respective donors and may be changed
or withdrawn without notice.

Andersen Consulting Prize
Awarded to a final year student enrolled in the
Bachelor of Information Technology (Computer
Science) or Bachelor of Engineering (Electronics)/Bachelor of Information Technology degree who demonstrates ability in successful teamwork, leadership, both academically and within the community, and academic achievement. (Application required).

The AUUG Queensland Open Systems Prize
Awarded annually to the undergraduate student with the highest result in either ITB426 Operating Systems or ITB532 Network Management.

Australian Computer Society Incorporated Prizes
Awarded annually to the most outstanding graduate in the Bachelor of Information Technology (Computing Science) and the most outstanding graduate in the Bachelor of Information Technology (Information Systems).

Australian Library and Information Association, Queensland Branch Prize
Awarded annually to the part-time student who completes the Graduate Diploma in Library and Information Studies within the time period appropriate for normal progression and achieves the highest aggregate results in the course.

BHA Computer Prizes
Awarded annually to the Bachelor of Information Technology (Computing Science) student with the highest result in the units ITB420 Computer Architecture and ITB426 Operating Systems.

Theresa Byrnes Prize
Awarded annually to the female Bachelor of Information Technology full-time student who achieves the highest aggregate results in the eight core units in Year 1 in minimum time.

DATA #3 Client Services Pty Ltd Prize
Awarded to the most outstanding student in the Bachelor of Information Technology (Information Systems).

Distributed Systems Technology Prize
Awarded annually to the student with the highest aggregate result in any two of the following three units: ITN250 Distributed Database Systems, ITN431 Distributed Systems, ITN531 Network Security.

ERACOM Data Security Prize
Awarded annually to the undergraduate student with the highest result in the unit ITB543 Data Security.

ERACOM Cryptology Prize
Awarded annually to the undergraduate student with the highest result in the unit ITB548 Introduction to Cryptology.

Leprechaun Software Pty Ltd Prize
Awarded annually to the Bachelor of Information Technology student with the highest result in the unit ITB510 Communications Networks.

State Library of Queensland Merit Award
Awarded annually to the full-time student who completes the Graduate Diploma in Library and Information Studies within the time period appropriate for normal progression and achieves the highest aggregate results in the course.

FACULTY OF LAW

Allen Allen & Hemsley Prize
Insolvency Law: An annual prize awarded to the student with the best performance in the unit LWB307 Insolvency Law.

Bar Association of Queensland Prize
An annual prize awarded to the graduand with the best performance in the units LWB432 Evidence and LWB431 Civil Procedure.

Brett Thorpe Memorial Prize
An annual prize awarded to the external student who achieves the highest aggregate marks for units completed in his or her fifth year of law, and currently completing Articles of Clerkship in Rockhampton.

Butterworths Prizes
- **Administrative Law**: An annual prize of a book voucher awarded to the student with the best performance in the unit LWB331 Administrative Law.
- **BA Justice Studies**: An annual prize of a book voucher awarded to the student with the best performance in the first year of the Bachelor of Arts (Justice Studies) course.
- **Constitutional Law**: An annual prize of a book voucher awarded to the student with the best performance in the units LWB231 Introduction to Public Law and LWB235 Australian Federal Constitutional Law.
- **Equity and Trusts**: An annual prize of a book voucher awarded to the student with the best performance in the unit LWB234 Equity and Trusts.
- **Property**: An annual prize of a book voucher awarded to the student with the best performance in the unit LWB233 Property 1.

Central Queensland Law Association Bursary
An annual prize awarded to the first-year articled law clerk residing in the Central Queensland area with the highest mark in the unit LWB131 Law in Context. In the event that there is no one eligible,
the bursary shall be awarded to the articled law clerk residing in Central Queensland who has the highest aggregate of marks for the year.

**computeR Reporters (Qld) Pty Ltd Prize**
Evidence: An annual prize awarded to the student who achieves the highest result in semester 1 in the unit LWB432 Evidence.

**Corrs Chambers Westgarth Prize**
Corporate Law: An annual prize awarded to the student with the best performance in the unit LWB334 Corporate Law.

**Department of Tourism, Sport & Racing (Liquor Licensing Division) Prize**
A prize awarded to the student with the best research paper in the unit LWN116 Liquor Licensing Law and Practice. An additional prize is available if the paper is on a public need topic relevant to the Division.

**Ebsworth and Ebsworth Prize**
Civil Procedure: An annual prize of the looseleaf service Supreme Court Practice by Ryan, Weld & Lee awarded to the student with the best performance in the unit LWB431 Civil Procedure.

**Freehill Hollingdale and Page Prize**
An annual prize awarded to the third year full-time combined Accountancy/Law student with the highest aggregate marks in Law units.

**Gerard Connolly Memorial Prize**
An annual prize awarded to the student (undergraduate or postgraduate) whom the trustees believe has contributed most to the community through volunteer and/or charitable work.

**Gilshenan & Luton Prize**
Criminal Law and Procedure: An annual prize awarded to the student with the best performance in the unit LWB232 Criminal Law and Procedure.

**Gordon Garland Prize**
Family Law: An annual prize awarded by the Family Law Practitioners Association to the student with the best performance in the unit LWB302 Family Law.

**Justin Geldard Memorial Prize**
An annual prize to perpetuate the memory of Justin Geldard, awarded to the graduand eligible for the award of the Bachelor of Laws with the best pass degree.

**K.G. Copp Memorial Prize**
An annual prize to perpetuate the memory of Graham Copp, awarded by Corrs Chambers Westgarth to the graduating student with the highest average marks in Law units studied for the LLB degrees.

**LBC Information Services Prizes**
- **Law in Context:** An annual prize of a book voucher awarded to the student with the best performance in the unit LWB131 Law in Context.
- **Professional Responsibility:** An annual prize of a book voucher awarded to the student with the best performance in the unit LWB433 Professional Responsibility.
- **Theories of Law:** An annual prize of a book voucher awarded to the student with the best performance in the unit LWB333 Theories of Law.
- **Succession:** An annual prize of a book voucher awarded to the student with the best performance in the unit LWB309 Succession.

**Mallesons Stephen Jacques Prize**
Property: An annual award to the student with the best performance in the unit LWB332 Property 2.

**Macrossans Prizes**
- **Drafting and Securities:** An annual prize awarded to the student with the best performance in the units LWB361 Drafting and LWB492 Securities.
- **Restrictive Trade Practices:** An annual prize awarded to the student with the best performance in the unit LWB410 Restrictive Trade Practices.

**McCullough Robertson Prizes**
- An annual prize awarded to the third-year full-time LLB student with the highest aggregate mark in Law units.
- An annual prize awarded to the third-year full-time LLB student with the second highest aggregate mark in Law units.
- An annual prize awarded to the fourth-year full-time combined Accountancy/Law student with the highest aggregate mark in Law units.
- An annual prize awarded to the fourth-year full-time combined Accountancy/Law student with the second highest aggregate mark in Law units.

**Queensland Law Society Prize**
An annual prize awarded to the graduand eligible for the award of Bachelor of Laws with the highest aggregate marks in the units LWB332 Property 2, LWB334 Corporate Law, LWB361 Drafting, LWB492 Securities, LWB312 Land Contracts, and LWB364 Introduction to Taxation Law.

**Queensland Young Lawyers Prize**
Research and Legal Reasoning: An annual prize awarded to the student with the best performance in the unit LWB134 Research and Legal Reasoning.
Rod Grant Memorial Prize
An annual prize to perpetuate the memory of Rod Grant, awarded under a trust by Thynne and Macartney to the Legal Practice Course student who produces the most practical/professional answer to a legal problem set by an independent panel of practitioners.

Tom Cain Trophy for Outstanding Achievement
The Tom Cain Trophy for Outstanding Achievement is a trophy awarded annually to a graduate of the Bachelor of Laws or an associated combined degree program who has achieved a minimum standard of 2nd Class Honours Division A and who has made outstanding achievement in extra-curricula activities, including community service, sporting achievements etc. during their period of enrolment.

The Phillips Fox, Charles Seymour Memorial Prize
An annual prize presented by Phillips Fox to perpetuate the memory of Charles Seymour, awarded to the student with the highest average marks in law units studied for the LLB degree.

The Maritime Law Association of Australia and New Zealand Ltd Prize
Maritime Law: An annual prize awarded to the student who achieves the highest grade in the elective unit LWB487 Maritime Law.

Una Prentice Memorial Prize
An annual prize awarded under a trust by the Women Lawyers Association of Queensland to the woman student with the highest average marks in Law units studied for the LLB degree.

United Nations Association of Australia (Queensland) Prize
Fundamentals of Public International Law: An annual prize and one years complimentary membership of the Queensland Division of the Association awarded to the student with the best performance in the unit LWB406 Fundamentals of Public International Law.

FACULTY OF SCIENCE
The following list of prizes is subject to final approval by respective donors and may be changed or withdrawn without notice.

Advanced Technology Laboratories and Australian Institute of Radiography Prize
Awarded to the student who achieves the highest mark in clinical units in the Graduate Diploma in Applied Science (Medical Ultrasound).

AGEN Prize
Donated by AGEN Biomedical Ltd and awarded to the graduand with the best overall academic performance in the Medical Biotechnology units of the Bachelor of Applied Science (Biotechnology).

AGFA-Gevaert and Australian Institute of Radiography Prize
Awarded to the student obtaining the highest marks in the first-year unit PCB277 General Radiography Practice 1 in the Bachelor of Applied Science (Medical Imaging Technology).

Alan Bailey Prize
Awarded to the student with the best overall performance in NRB610 Applied Ecology or NRB611 Conservation Biology in the final year of the Bachelor of Applied Science (Ecology).

Alphapharm Pty Ltd Prizes
Awarded annually to the first and second year students of the Bachelor of Applied Science (Chemistry major) who show at the first attempt the greatest overall proficiency in that year of the course. Alphapharm may also make vacation employment available to the prize winners.

Astra Panels Masters Bursary in Chemistry
Awarded to the student undertaking a full-time Masters program in Chemistry who has the highest grade-point average from their degree.

Australasian Association of Clinical Biochemists Prize
Donated by the Queensland Branch of the Association, and awarded to the student in the Bachelor of Applied Science (Medical Science) who gains the highest aggregate marks in the units LSB520 Clinical Biochemistry 1 and LSB620 Clinical Biochemistry 2.

Australian Institute of Medical Scientists Prize
Donated by Radiometer Pacific and awarded to the graduand who obtains, with distinction, the highest aggregate marks over all of the clinical techniques units of the Associate Degree in Applied Science (Medical Laboratory Techniques).

Australian Institute of Radiography Prize
Awarded to the student achieving the best academic record in the first year of the Bachelor of Applied Science (Radiotherapy Technology) course.

Australian Laboratory Services Pty Ltd Prize
Awarded to a full-time or part-time student of the Bachelor of Applied Science (Chemistry major) who obtains the best results in the final-year Analytical Chemistry units.
Australian Organisation for Quality Award
Awarded annually to the most outstanding graduand, based on the highest grade point average over the duration of the Graduate Diploma in Quality course.

Australian Society for Parasitology Prize
Awarded to the student with the highest mark in the practical component of the parasitology area in the units LSB647 Clinical Microbiology and LSB648 Microbial Technology.

Australian Society of Cytology Prize
Awarded to the student gaining the highest mark in the unit LSB660 Histopathology 3 in the Bachelor of Applied Science (Medical Science).

Beckman Instruments Prize
Awarded to the graduand from the Bachelor of Applied Science (Biotechnology) for the best performance in molecular biology practical work in second and third levels of the major.

Bio-Rad Prize
Awarded for the best performance in the plant biotechnology units in the Bachelor of Applied Science (Biotechnology).

Boehringer Mannheim Prize
Awarded to the graduand with the best overall academic performance in the third level of the Bachelor of Applied Science (Biotechnology). The award provides additional financial assistance towards conference attendance for graduands enrolled in the Bachelor of Applied Science (Honours).

BP Prize
Awarded for the best academic performance in Environmental Chemistry.

Byron Watkins Prize
Sponsored by the Industrial and Applied Chemistry Past Students Association in honour of Byron Watkins, Foundation Chief Instructor of the Chemistry Department of the former Central Technical College, and awarded annually to the graduand in the Chemistry major of the Associate Degree in Applied Science who shows the highest level of achievement during the course.

Centre for Medical and Health Physics Prize
Awarded to the student who, in the opinion of the Director of the Centre, is the best graduand of the Master of Applied Science – Medical Physics strand.

Charles O. Schloman Memorial Prize
Donated by Astra Panels Pty Ltd, and awarded to the student undertaking the Bachelor of Applied Science with major studies in Chemistry and co-major studies in Materials Science who shows the greatest overall proficiency in that course.

David Barry Memorial Prize
Awarded to the graduand with the best overall academic performance in the Biodiversity Co Major of the Bachelor of Applied Science.

Deans Award for Excellence
Awarded to the graduand of each of the Faculty’s courses who graduates with the best academic record over the length of the course.

Diagnostic Technologies Prize
Donated by the Cooperative Research Centre for Diagnostic Technologies and awarded to the most outstanding Bachelor of Applied Science (Biotechnology) graduand, based on the highest grade point average over the duration of the course.

George Edward Curphey Prize in Mathematics
Awarded to the student enrolled in the Bachelor of Applied Science (Mathematics) who shows the greatest overall proficiency in that course.

George Edward Curphey Prize in Mathematical Modelling
Awarded to the student enrolled in the Bachelor of Applied Science (Mathematics) who obtains the best performance of the year in the unit MAB422 Mathematical Modelling.

Geological Society of Australia Medal
Awarded to the graduand who obtains the best results in the Bachelor of Applied Science (Geoscience/Applied Geology).

Hanimex and Australian Institute of Radiography Prize
Awarded to the student achieving the best academic record in the third year of the Bachelor of Applied Science (Medical Imaging Technology).

Hugo Flecker Memorial Prizes
Donated by the Royal Australasian College of Radiologists (Queensland Branch) and awarded to students in the third year of both the Bachelor of Applied Science (Medical Imaging Technology) and the Bachelor of Applied Science (Radiotherapy Technology) who obtain the best performance in the clinical practice units for that year.

I.M. & M.J. Mackerras Prize
Donated by the Australian Institute of Medical Scientists, and awarded to the student who gains the highest pass with distinction in the area of Medical
Parasitology within the unit LSB510 Microbiology 3.

James Vincent Duhig Prize
Donated by the Australian Institute of Medical Scientists, and awarded to the student who gains the highest pass, with distinction, in the unit LSB560 Histopathology 2 in the Bachelor of Applied Science (Medical Science).

J.R. Saal Prize
Awarded to the full-time student graduating in minimum time who obtains, with distinction, the highest aggregate marks over all of the clinical units of the Bachelor of Applied Science (Medical Science).

Kodak Prize
Awarded to the student in the Bachelor of Applied Science (Medical Imaging Technology) who obtains the best academic record (as determined from awarded grades) for the course completed in that year.

LG Amos Prize
Awarded each year to the graduand from the Bachelor of Applied Science with major studies in Chemistry who obtains the best performance in the third year of that course.

Mallinckrodt and Australian Institute of Radiography Award
Awarded to the student achieving the best academic record in the second year of the Bachelor of Applied Science (Radiotherapy Technology)

Meadow Lea Foods – J.L. Forsyth Memorial Prize
Donated by Meadow Lea Foods, and awarded to the student who has shown the greatest proficiency in the analytical chemistry units of the Associate Degree in Applied Science (Chemistry strand).

Medical Applications and Australian Institute of Radiography Prize
Awarded to the student achieving the best academic record in the third year of the Bachelor of Applied Science (Radiotherapy Technology).

Michael & Elizabeth Innis Prize
Awarded to the student who gains the highest pass with distinction in the units LSB550 Haematology 2 and LSB650 Haematology 3 in the Bachelor of Applied Science (Medical Science).

MIM Holdings Limited Prizes
Awarded:
- to the student who obtains the highest mark in the unit NRB533 Advanced Geological Mapping in the Bachelor of Applied Science (Geoscience/Applied Geology), and
- to the student who obtains the highest combined mark in the units MAB131 Engineering Mathematics 1A and MAB132 Engineering Mathematics 1B.

Nycomed and Australian Institute of Radiography Travelling Fellowship
Awarded to the graduand of the Bachelor of Applied Science (Medical Imaging Technology) or (Radiotherapy Technology) course who achieves the best academic record over the three-year course.

PESA (Qld) Fossil Fuels and Basin Analysis Award
Awarded to the student in the Bachelor of Applied Science (Geoscience/Applied Geology) who obtains the highest results for the third-year units NRB631 Fossil Fuel Geology and NRB531 Sedimentology and Basin Analysis.

PESA (Qld) Sedimentary Geology Award
Awarded to the student in the Bachelor of Applied Science (Geoscience/Applied Geology) who obtains the highest result for the unit NRB331 Sedimentary Geology.

Petroz Honours Bursary in Geology
Awarded to the student obtaining the highest marks in the first year unit PCB286 Treatment Planning 1 of the Bachelor of Applied Science (Radiotherapy Technology).

Prospectors Earth Sciences Pty Ltd Prize
Awarded to the first-year student of the Bachelor of Applied Science (Geoscience) who obtains the highest aggregate marks for the year.

Queensland Cement Limited (QCL) Bursary
Available to undergraduate students who have completed semester one of their second-last year of study in the Faculties of Science, Business or Built Environment and Engineering. Criteria include academic merit, career ambitions, communication skills and extra-curricula interests.

Queensland Medical Laboratory Prize
Awarded to the student who obtains, with distinction, the highest pass over the ninth to twelfth semesters
of the part-time course leading to the Bachelor of Applied Science (Medical Science).

**Royal Australian Chemical Institute Queensland Branch Prizes**
Awarded annually to the first and second year students of the Bachelor of Applied Science (Chemistry major) who show at the first attempt the greatest overall proficiency in that year of the course.

**Royal College of Pathologists of Australasia (Queensland Committee) Prize**
Awarded to the student who obtains the highest pass in the units LSB510 Microbiology 3 and LSB610 Clinical Bacteriology in the Bachelor of Applied Science (Medical Science).

**Schering and Australian Institute of Radiography Prize**
Awarded to the student achieving the best academic record in the second year of the Bachelor of Applied Science (Medical Imaging Technology).

**School of Mathematical Sciences Staff Prizes**
Awarded for the best performance in the mathematics component of each year of Bachelor of Applied Science or double degree programs, and the Honours year.

**School of Mathematical Sciences Staff Prize in Mathematics**
Awarded to the student enrolled in the Bachelor of Applied Science (Mathematics) within a double degree program, who is the most academically outstanding graduate of the year.

**School of Mathematical Sciences Honours Bursary**
Awarded to a student (or students) enrolling in the Bachelor of Applied Science (Honours) in Mathematics. The award is determined by the Head of School of Mathematical Sciences in consultation with the Honours Coordinators for Mathematics.

**Sterling and Australian Institute of Radiography Award**
Awarded to the student achieving the best academic record in the first year of the Bachelor of Applied Science (Medical Imaging Technology).

**Toshiba and Australian Institute of Radiography Ultrasound Prize**
Awarded to the student who achieves the best academic record in the Graduate Diploma in Applied Science – Medical Ultrasound major.

**Trevor Lewis Memorial Bursary**
Available to students entering the Honours course in Physics or the Coursework Master of Applied Science in Medical Physics. The bursary provides financial assistance towards the cost of HECS fees and/or living expenses. Applications should be submitted to the Head, School of Physical Sciences by 31 December each year.

**Velseis Geophysics Prize**
Awarded to the student who obtains the highest mark in the unit NRB433 Geophysics in the Bachelor of Applied Science (Geoscience/Applied Geology).

**Yakult Australia Pty Ltd Award**
Awarded to the student who obtains the best result in the unit LSB628 Food & Water Microbiology in the Bachelor of Applied Science (Microbiology).
The Guild is governed by Guild Council which consists of the Executive (President, General Secretary, Education Director, International Student Services Director, Womens Services Director, Welfare Services Director, Recreation Director and five Campus Directors), campus representatives, and specialist representatives (for part-time and external students, Aboriginal and Torres Strait Islander students and postgraduate students).

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

YOUR UNION HELP DESKS
This is your first port of call if you want information about the Guild or the services, facilities and activities the Student Guild offers.

Equipment is also available for use by students at most Help Desks and includes: photocopiers, typewriters and binding machines.

Other services provided through some Your Union Help Desks are:
- secondhand textbooks
- student freight packs – world wide
- stamp sales, phone cards, photo developing, laminating and the sale of cassette tapes and various services T-shirts and sweatshirts
- employment and accommodation folders are on display.

For more information about any of the Guild’s services or facilities, contact the Help Desk on your campus:

- Gardens Point – Level 3 Y Block
  Phone (07) 3864 1680
- Kelvin Grove – Level 4 C Block
  Phone (07) 3864 3704
- Carseldine – Level 2 C Block
  Phone (07) 3864 4714.

STUDENT GUILD SERVICES
...developing and delivering essential services which enhance the quality of the QUT student university lifestyle.

Education Department Services

Academic Appeals: Advice, information and support on rules and procedures for handling academic complaints, disputes and grievances.

Best Lecturer Award: The Guild promotes focus on quality teaching through conducting a competition to identify QUT’s Best Lecturer.

Research into Student Issues: Staff develop background briefings on issues in higher education and conduct research into student experiences at QUT.

Student Representative Support: The Guild organises student representatives for all QUT academic boards and committees requiring student input as well as for academic review committees.

International Student Department Services

Academic Assistance: The ISD assists all international students, undergraduate and postgraduate, to appeal against exclusions and other academic matters.

Discrimination Issues: The ISD assists the fight against discrimination of any kind within the University environment.

Multicultural Events: Market days and festivals are held with the help of international student clubs and other organisations. The Department also helps international clubs and societies to organise social events.

Recreation Department Services

Clubs and Societies: Financial and organisational assistance to affiliated groups - educational, social, cultural, religious, political, sporting, or recreational.
NCUSA & AUSF: The Guild is affiliated to NCUSA and AUSF which entitles students to participate in the State and National games organised by these organisations. To get involved talk to the Recreation Department during Orientation Week.

Recreation Courses: A range of recreation courses is offered by the Guild. These include exercise courses, ski trips, foreign language classes, martial arts, massage, health and relaxation, golf, self defence, abseiling, scuba diving, parachuting and special trips, such as to the Birdsville Races. A recreation handbook is available during Orientation Week, at Sports and Recreation Centres or Your Union Help Desk on the Carseldine campus.

Recreation Equipment: A limited pool of equipment is available for use by students and can be obtained from the Fitness Centres on your campus or Your Union Help Desk at Carseldine.

Sporting Competitions: The Guild organises sporting competitions at all levels - lunchtime competition and recreational games, QUT inter-campus competition, regional, state and national inter-university championships. Contact the Fitness Centres for more information.

Social and Cultural Activities: A variety of social and cultural events and activities are organised throughout the year. These include balls, cabarets, bands, barbecues, films, theatre events and theme weeks. They may be run on each campus or as cross campus activities. Put the QUT Annual Ball in your diary now - last Friday of exams in November.

Welfare Department Services

Accident Insurance: Accidents can be a hassle, but the expenses involved dont have to be. The Guild has all QUT students (full-time, part-time and external) covered by an accident insurance policy. On campus, off campus, anywhere in the world


Employment: Looking for work to help support your studies and lifestyle? Up-to-date database listing with jobs suitable for students, from permanent part-time to on-call casual. Job skills information and support.

Legal Service: Self-help resources, advice on tenancy laws, referral to community legal services.

Student Finance: Money hassles? Austudy, HECS, loans and tax information, support and advice.

Assistance with problems. Representation and advocacy appeals.

Union Shopper: All students become members of Union Shopper when they become members of the Guild. Union Shopper entitles students to great discounts on a wide variety of goods and services, ie. electrical goods, furniture, cars, computers etc.

Womens Department Services

Activities: Such as Blue Stocking Week, self-defence courses, Reclaim the Night march.

Campaigns: Around issues such as, childcare, domestic violence, women and access to education.

Information and Referral: On issues pertaining to women students such as sexual harassment, sexual violence, discrimination on campus, sexist language, unplanned pregnancy, women’s health, women’s housing and equity issues.

Philosophia: Women’s edition of Utopia. The Women’s Department also produce a monthly newsletter.

Representation: Of women and their needs and concerns on Guild and University committees.

Women’s Space: Available for access on each campus.

Women’s Resource Library: Over 500 titles at present available for borrowing for research, information or entertainment.

STUDENT GUILD FACILITIES

Campus Shops: The Campus Shop at Gardens Point sells a large range of calculators, QUT memorabilia, sportswear, shoes, chemist lines, cigarettes and other goods, and provides photo developing and dry cleaning. There are credit card and EFTPOS facilities plus three-month lay-by with minimum deposit. Phone (07) 3864 1681. The Kelvin Grove shop sells sportswear, shoes, chemist lines and cigarettes. It also carries newsagency items such as magazines, newspapers and cards. Phone: (07) 3864 3330.

Campus Club: The Student Guild operates a club at the Gardens Point campus. The club is an excellent venue to relax, kick back and unwind. It has a bar, pool tables, and an outdoor eatery with a variety of burgers, salads, made to order sandwiches and many other delicious menu items. With the daily specials, you need never spend over $3.00 for lunch every day. The club also hosts bands throughout the year and is available for balls and other functions at very reasonable rates. Phone (07) 3864 2698.
Degrees Cafe: Degrees is a licensed cafe run by the Student Guild at Gardens Point campus, Level 3, Y Block. Degrees offers students and staff the best coffee on campus – from cappuccino to latte, flat white and espresso. Also on offer at reasonable prices are delectable pastries, cakes and fine foods such as lasagne, quiche, filos, foccacia and bagels. The cafe is open Monday to Thursday 10am to 6pm and Friday 10am to 3pm. Phone (07) 3864 1236.

Graduation Gown Hire and Sale: The Guild hires gowns, hoods and mortarboards for graduation ceremonies and photographs. – Academic regalia is also available for sale. Phone: (07) 3274 1473.

Student Lounges: Student Lounge facilities are provided by the Guild at Kelvin Grove and Carseldine campuses. These provide an area to relax or socialise. Drink vending machines are available in or near the lounges.

Child Care Centres: The Guild operates child care centres on all three campuses. All centres operate from Monday to Friday with hours being determined by student needs. Fees are reasonable and Childcare Assistance or Medicare Rebates may be available. Gardens Point (07) 3864 1690, Kelvin Grove (07) 3864 3946, and Carseldine (07) 3864 4800.

Fitness Centres: The Guild operates health and fitness centres at Kelvin Grove and Gardens Point campuses offering assessments, weights, aerobics, squash courts, and sports medicine clinics. Areas are available for other recreation activities. Phone: Kelvin Grove (07) 3864 3710, Gardens Point (07) 3864 1685.

Games Rooms: All campuses have games rooms containing facilities ranging from pinball machines and darts equipment to table tennis and pool tables.

Physiotherapy Centres: The Guild contracts with a physiotherapy clinic to provide a physiotherapy service at Kelvin Grove and Gardens Point campuses. Fees are reasonable with StudentPlan Accident Insurance covering university-related injuries. Phone: Kelvin Grove (07) 3864 3711, Gardens Point (07) 3864 1687.

Free Shuttle Bus: The Guild operates a free shuttle bus between Gardens Point and Kelvin Grove campuses. Pick up a timetable at your Union Help Desk.

Sports Centre: The QUT Sports Centre is located at Gardens Point campus and is open seven days a week. It contains a 25 metre indoor heated swimming pool, two squash courts, a sundeck and kiosk. Activities include rebound volleyball, table tennis, aqua aerobics, training sessions, learn-to-swim classes and general fitness and relaxation swimming. Phone: (07) 3864 1688.

Weights Room: Carseldine campus has a weights training room available for use by students. Contact Your Union Help Desk for more information.

STUDENT GUILD MEDIA AND PUBLICATIONS

Publications: The Guild produces a range of free publications throughout the year, including the diary, a wallplanner, newsletters, clubs and societies handbook, the Annual Report and various brochures on services and activities.

Student Newspaper: The Guild regularly publishes a free community newspaper called Utopia to which students can contribute. It provides general information and also acts as a forum for a wide range of topics of student interest. Editors of the paper are elected each year and all students are eligible to stand for election. Phone: (07) 3864 3706.

WWW: The Guild has a presence on the World Wide Web which can be accessed at http://www.sg.qut.edu.au/. Many of the Guild’s services are listed there along with an events page where students can find out what is happening on their campus.
Queensland University of Technology houses a major collection of almost 1600 Australian and international works of art, comprising paintings, sculptures, decorative arts and works on paper. These holdings represent one of the largest public art collections in Queensland.

Established in 1945, the collection embraces both historical and contemporary works, spanning a period of over 140 years. The greatest strengths lie in the extensive holdings of Queensland art from the 1940s onwards and the outstanding collection of contemporary Australian art post 1970, chiefly paintings, prints and ceramics. The small but significant group of works by Australian artists (Elioth Gruner, Frank Hinder, Margaret Preston, Grace Cossington Smith and so on) working predominantly in the first half of the twentieth century forms an interesting complement to contemporary holdings.

A number of important contemporary Australian artists are represented in the collection by major examples of their work. They include Ian Fairweather, Rosalie Gascoigne, Richard Larter, Keith Looby, John Olsen and Imants Tillers. The collection also contains substantial holdings by several eminent individual practitioners such as Alun Leach-Jones, Carl McConnell, Gwyn Hanssen Pigott and William Robinson.

The rapidly expanding collection of Australian prints comprises works by artists who have been actively involved in the graphic arts over the past four decades including George Baldessin, Hertha Kluge-Pott, Bea Maddock, Mike Parr, Sally Robinson and Fred Williams. These holdings have been recently consolidated through the acquisition of a large body of prints by Aboriginal and Torres Strait Islander artists, as well as by the purchase of works incorporating new electronic media.

Contemporary Australian ceramics have been acquired consistently since the early 1970s. Highlights include major sculptural pieces by Olive Bishop, Margaret Dodd and Lorraine Jenyns, and important functional wares by Stephen Benwell, Greg Daly, Milton Moon, Jenny Orchard and Sandra Taylor. Recent acquisitions include works by a younger generation of ceramic artists such as Jo Crawford, Merran Esson, Debra Halpern, Jerry Wedd and Jo Williams.

Other recent acquisitions reflect the high priority and commitment given by QUT to the work of local emerging practitioners, particularly those who have graduated from the University’s Academy of the Arts and begun to establish themselves as professional artists. The recent purchase of representative works by Stephen Brash, Don Heron, Stephen Nothling, Kate Ryan, Rodney Spooner, Ellen Thompson and Anne Wallace exemplifies the significance and depth of this commitment.

In addition to its holdings of Australian art, QUT possesses a small but distinguished group of twentieth century American and European works by artists such as Georges Braque, Alexander Calder, Mary Cassatt, Henry Moore, Auguste Rodin, William Scott, Victor Vasarely and Paul Wunderlich, as well as some outstanding nineteenth century Japanese woodblock prints.

The collection is displayed in various designated spaces at QUT’s three Brisbane campuses. Policy and procedures relating to its development are determined by the Art Collection Committee, comprising senior representatives of the University and external members.

A 124-page illustrated catalogue of the collection is available for purchase from the University Bookshop.

For further information about the art collection, telephone the University Curator’s Office on (07) 3864 3240.
The following rules are based on those existing prior to 1991 at the Queensland University of Technology and the Brisbane College of Advanced Education. These rules have been formulated to provide the least disadvantage to continuing students. If a student considers he or she has been disadvantaged by a change in the rules, the student should make the case in writing to the Registrar.

In these rules, reference to the Registrar includes reference to any officer of the University authorised by the Registrar to carry into effect any or all of the powers, duties and responsibilities included in these rules.

For information on the University’s admission rules and procedures please refer to the publication *Admission Procedures Booklet* which is available from QUT’s Admissions Section.

The University’s Manual of Policy and Procedures (MOPP) contains detailed policy/procedural statements on such matters as courses and awards, including awards with honours, awards with distinction and the credit point system; international student exchange programs; assessment of students, including objectives and functions of assessment, organisation of examinations and assessment of results; awards, scholarships and prizes; theses, dissertations and project reports; graduation; confidentiality of student records; students’ obligations and expectations, including student consultation, feedback on progressive assessment and results; student discipline; and student grievances.

1. **ENROLMENT**

1.1 Failure to enrol following admission

If a commencing student fails to enrol for the semester by the date specified in the University’s letter of offer, the enrolment lapses and the offer of admission is withdrawn.

1.2 Enrolment to conform with offer

Commencing students are required to enrol as specified in the University’s letter of offer as regards to course and, where applicable, major, attendance mode or campus.

1.3 Enrolment (commencing students)

**FORM:** Enrolment Form for Commencing Students.

**SOURCE:** Enrolments Office, Kelvin Grove campus or Office of International Students, Kelvin Grove campus (for international students only) or Student Centres.

SUBMIT TO: Enrolments Office, Kelvin Grove campus or Student Centres.

A commencing student is enrolled on completion of all of the following:

- application for admission
- acceptance of the offer of a quota place in terms of the conditions prescribed
- submission of a completed enrolment form and its acceptance by the University
- payment of prescribed fees (unless the Registrar has granted an extension of time for such payment and has accepted the enrolment subject to payment at a later prescribed date)
- submission of a completed HECS payment options form (not required for international students), and
- completion of any other required procedures.

1.4 Re-enrolment (continuing students)

**FORM:** Enrolment Form for Continuing Students.

**SOURCE:** Enrolments Office, Kelvin Grove campus or Student Centres.

**SUBMIT TO:** Enrolments Office, Kelvin Grove campus or Student Centres.

A continuing student is required to lodge an enrolment form each calendar year. A continuing student is enrolled on completion of the following:

- submission of a completed enrolment form and its acceptance by the University
- payment of prescribed fees (unless the Registrar has granted an extension of time for such payment and has accepted the enrolment subject to payment at a later prescribed date), and
- completion of any other required procedures, provided that the student is not subject to exclusion, termination of enrolment or has been refused the right to re-enrol under Rule 2.

Students are required to re-enrol by the published closing date. An enrolment form lodged after the closing date may be accepted at the discretion of the Registrar on payment of a late fee. Students who fail to re-enrol will be subject to cancellation of enrolment.

1.5 Personal information

Students are obliged to provide personal information, including their full name, for record keeping purposes and for statistical purposes as required by the Commonwealth government.
Students who propose to change their name from that recorded upon admission to the University should submit their request in writing together with appropriate supporting documentation, such as a birth certificate or marriage certificate.

Students should note that the name reported for graduation purposes shall be the one recorded by the University at the time of the official release of results for the last semester of enrolment.

1.6 Mailing address
FORM: Change to Personal Details Form (Form D).
SOURCE: Student Centres.
SUBMIT TO: Enrolments Office, Kelvin Grove campus or Student Centres.

Students are required to provide a reliable mailing address for correspondence with the University and must promptly notify the University of any change of address. Failure to receive a notice because of change of address is not a sufficient excuse for missing a deadline or an obligation.

The University is also required by the Commonwealth Government to record for statistical purposes each student’s ‘Permanent Home Residence’. This address cannot be a PO Box, a Mail Service, or care of another person or company. QUT will not normally send mail to a student’s ‘Permanent Home Residence’.

1.7 Enrolment Statement (Form E)
Each semester, the University provides students with an Enrolment Statement outlining their current enrolment program. This statement may be used to amend the study program as required. Students should refer to Rule 1.10 Change to Enrolment program for details on the conditions for changing their current enrolment program.

It is the student’s responsibility to inform the University of any discrepancy on the statement. Failure to correct an inaccurate record may have serious financial, administrative and academic consequences.

If no changes to the statement are required, the student should retain the statement for their records.

1.8 Final Notice of Enrolment and HECS Liability
Each semester, the University provides students with a final confirmation of enrolment outlining their current enrolment program. This notification will also include the HECS liability for the semester determined by the unit enrolment on the census date for the semester (refer to Rule 9.6).

1.9 Nomination of enrolment program
1.9.1 Maximum and minimum semester loads
Except with the approval of the Dean of Faculty, a full-time student shall not enrol for a program which exceeds the standard credit points for a full-time semester in the course, or the number of credit points allocated to the semester of the course from which the majority of units has been selected, whichever is the greater.

Except with the approval of the Dean of Faculty, a part-time student shall enrol in a program with credit points totalling at least 35 per cent of the standard credit points for the full-time course.

International students studying on campus must enrol in a full-time program, except where part-time studies allow completion of course requirements, or prior approval has been granted by the Manager, Office of International Students.

1.9.2 Prerequisites, corequisites and incompatible units of study
A prerequisite unit is one which must be passed before the student proceeds to a further unit which has the prerequisite so specified. A corequisite is one which, if not previously passed, must be studied concurrently with another unit with which it is a corequisite.

A Head of School may permit a student to undertake a unit without the student having passed the specified prerequisites if the Head of School is satisfied that the student has the appropriate background knowledge necessary for the unit.

Enrolment in a unit of study is not permitted if a student has successfully completed any unit listed as ‘incompatible with’ the proposed unit. (See unit synopsis.)

1.9.3 Right to amend enrolment programs
A Course Coordinator may amend a student’s enrolment program for any of the following reasons:
- ☐ credit points exceeding the maximum allowed
- ☐ credit points less than the minimum allowed
- ☐ timetable incompatibility
- ☐ non-compliance with course rules.

1.10 Change to enrolment program
Students are responsible for advising the Registrar of changes to enrolment details. Each semester the University provides students with an Enrolment Statement (Form E) outlining their current program. Students may return this form by the relevant due date to advise of a change to their enrolment.
1.10.1 Addition and substitution of units
FORM: Enrolment Statement (Form E).
SOURCE: Student Centres.
SUBMIT TO: Enrolments Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.

Each semester students may request one free change to add or substitute units up to a published date at the end of the second week. A request for addition or substitution submitted on other than the completed Enrolment Statement will be processed only upon payment of a fee. Students may request a waiver of the fee if circumstances beyond their control require a change to enrolment. The Enrolments Officer will determine all requests for waiver of the fee.

Requests received after the published date must bear the written support of the Unit Coordinator and proof of payment of a late fee.

Requests are only approved if all of the following conditions are met:
- the Unit Coordinator has confirmed that the student may enrol in the unit after the published date
- the student has demonstrated the existence of exceptional circumstances as determined by the Registrar or relevant Course Coordinator
- the student has provided proof of payment of the late fee.

International students who wish to add units exceeding the total number of credit points previously approved, must make application through the Office of International Students to do so.

Requests submitted without written support of the Unit Coordinator and proof of payment of the late fee will be returned to the student unprocessed.

1.10.2 Cancellation of units
FORM: Enrolment Statement (Form E) or Change to Enrolment Form (Form C).
SOURCE: Student Centres.
SUBMIT TO: Enrolments Office, Kelvin Grove campus, Student Centres, or the Office of International Students (international students only).

Students may cancel their enrolment in units except where the cancellation results in an enrolment program which has fewer credit points than the minimum allowable, or represents a departure from a program prescribed for a student on probation. Cancellation of units where no addition of units occurs will not incur an administrative charge.

For single and multi-semester length units undertaken in the first or second semesters, the following results are recorded:

(i) **Cancellation in the first two weeks of the semester**: The units are deleted from the student’s record.

(ii) **Cancellation from the third week of the semester to March 31 in the case of first semester, or August 31 in the case of second semester**: A status of ‘Withdrawn’ is recorded against the units concerned. A ‘Withdrawn’ unit is not included in the calculation of the student’s GPA.

(iii) **Cancellation after March 31 or August 31 and before the end of the semester**: A result of ‘Withdrawn – Failure’ is awarded unless the examiner awards a passing grade on the basis of the assessment undertaken by the student prior to cancellation.

The Registrar, on advice from the Faculty, may waive the ‘fail’ result arising from late cancellation when satisfied that the cancellation was necessitated by medical, compassionate or other exceptional circumstances. Documentary evidence, such as medical certificates or statements from employers, must be submitted in support of requests.

In the case of multi-semester units, provisions (i) and (ii) above apply only to the initial semester of the unit. For cancellation at any time in the second or subsequent semester of a multi-semester unit a result of ‘Withdrawn – Failure’ is awarded.

For units undertaken in the Summer Program, there may be differing, and sometimes unique, commencement dates. Students should refer to the advertised commencement date of the units. For Summer Program units the following results are recorded:

(i) **Cancellation in the first two weeks**: The units are deleted from the student’s record.

(ii) **Cancellation after the second week**: A result of ‘Withdrawn – Failure’ is awarded unless the cancellation was caused by medical, compassionate or exceptional circumstances.

For units undertaken in the Intensive Study Mode, there may be differing, and sometimes unique, commencement dates. Students should refer to the advertised commencement date of the units. For units undertaken in the Intensive study Mode the following results are recorded:

(i) **Cancellation prior to the commencement of teaching**: The units are deleted from the student’s record.
(ii) **Cancellation in the first two weeks of the Intensive Study Mode:** A result of ‘Withdrawn’ is recorded against the units concerned. A ‘Withdrawn’ unit is not included in the calculation of the student’s GPA.

(iii) **Cancellation after the second week of the Intensive Study Mode:** A result of ‘Withdrawn – Failure’ is awarded unless the cancellation was necessitated by medical, compassionate or exceptional circumstances.

1.11 Change of course

Offers of admission to commencing students specify the particular course and, where applicable, major for which the offer is made. Students are required to enrol as specified (see Rule 1.3) and complete at least the first semester accordingly.

1.11.1 Transfer to another course offered by the same Faculty

**FORM:** Intra-Faculty Changes Form (Form I).

**SOURCE:** Student Centres.

**SUBMIT TO:** Admissions Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.

Students who wish to transfer to another course offered by the same Faculty may apply to do so using the Intra-Faculty Changes Form (Form I). Applications will be determined by Faculties and will be subject to the following prescriptions:

(i) If the application is made after completion of the first semester but before completion of the first year, the student must have met the minimum entry level which applied for the proposed new course or major in the most recent admission period.

(ii) If the application is made after completion of the first year, the student’s eligibility will be assessed according to criteria established by Deans of Faculties and published before the close of applications each year.

1.11.2 Transfer to a course offered by a different Faculty

Students who wish to transfer to a course offered by a different Faculty should apply as follows:

- in the case of an undergraduate course offered via QTAC, to QTAC
- in the case of an undergraduate course not offered via QTAC, directly to QUT using Form I when applying for second semester, otherwise using Form G
- in the case of a postgraduate course, to the QUT Admissions Office, using Form P
- in the case of international students, to the Office of International Students, using Form F.

1.12 Change of major

**FORM:** Intra-Faculty Changes Form (Form I).

**SOURCE:** Student Centres.

**SUBMIT TO:** Admissions Office, Kelvin Grove campus or Student Centres.

Students who wish to transfer to another major within the same course may apply to do so using the Intra-Faculty Changes Form (Form I). Applications will be determined by Faculties and will be subject to the following prescriptions:

(i) If the application is made after completion of the first semester but before completion of the first year, the student must have met the minimum entry level, and any prerequisites, which applied for the proposed new major in the most recent admission period.

(ii) If the application is made after completion of the first year, the student’s eligibility will be assessed according to criteria established by Deans of Faculties and published before the close of applications each year.

1.13 Change of attendance mode

**FORM:** Enrolment Statement (Form E) or Change to Enrolment Form (Form C).

**SOURCE:** Student Centres.

**SUBMIT TO:** Enrolments Office, Kelvin Grove campus or Student Centres.

1.13.1 Definitions of attendance/study modes

- **Full-time**
  Full-time students are students who are enrolled for the semester in 75 per cent or more of the standard credit points for a full-time semester of the course.

- **Part-time**
  Part-time students are students who are enrolled for the semester in less than 75 per cent of the standard credit points for a full-time semester of the course.

- **Internal**
  Internal students are those who undertake all units of study for which they are enrolled through attendance at the University on a regular basis. This also includes students undertaking units on a block basis (one week on-campus at any time) or in the intensive mode (five to seven week period in a
semester). Students who undertake a higher degree course for which regular attendance is not required, but attend the University on an agreed schedule for the purpose of supervision and/or instruction are also classified as internal students.

- **Multi-modal**

Multi-modal students are those who undertake at least one unit of study on an internal mode of attendance and at least one unit of study on an external mode of attendance.

- **External**

Students are classified as external when all units of study for which they are enrolled involve special arrangements whereby teaching materials, assignments, etc. are delivered to the student, and any associated attendance at the University is of an incidental, irregular, special or voluntary nature.

- **Offshore**

An offshore student is a student enrolled in a QUT course offered in an offshore location, usually in partnership with an overseas institution. Offshore students must meet all entry requirements stipulated for onshore students, and are subject to QUT’s student rules, policies and procedures.

1.13.2 Procedure

Offers of admission to commencing students will specify the attendance mode for which the offer is made. Students are required to enrol as specified (see Rule 1.3) and complete at least the first semester accordingly.

Students who wish to change to another attendance mode may apply to do so using the Enrolment Statement (Form E) or Change to Enrolment Form (Form C). Applications will be determined by Faculties, and for international students, also by the Office of International Students.

1.14 Transfer to another campus

Where a course is offered on more than one campus, students will be allocated to one of the campuses and will be required to attend that campus for at least the first semester.

Students who wish to change to another campus may apply to do so using the Enrolment Statement (Form E). Applications will be determined by Faculties.

1.15 Exceptions

In special circumstances, Deans of Faculties may approve exceptions to policies set out above in 1.11-1.14 as under:

- the requirement that commencing students enrol and complete at least the first semester of their course as specified in their offer of admission; that is, no change to course, major, attendance mode or campus before the end of the first semester of the course
- the requirement in 1.11.1(i) and 1.12.1(i) that students who wish to transfer to another course or major within the same Faculty must have met the minimum entry level which applied for the proposed new course or major in the most recent admission round.

1.16 Concurrent enrolment

Concurrent enrolment in two or more QUT courses is permitted except where the total study load in a semester exceeds 48 credit points, in which case the approval of the Course Coordinator of each course is required.

1.17 Alternative Studies

Alternative studies refers to the completion of a unit or units at QUT or another tertiary institution:

(i) in place of core units listed in the course structure; or

(ii) in satisfaction of elective or other requirements where the unit is not listed in a schedule of units for such purposes and where the unit is offered by a Faculty other than the one responsible for the course which the student is undertaking.

An application to undertake alternative studies requires the Course Coordinator to approve that the nominated alternative is a valid substitute in terms of course rules. Where the alternative is offered by another QUT Faculty, the approval of the Dean of Faculty offering the unit is required.

Where alternative studies involve units taken at QUT, the units and results will appear on the student’s academic record in the normal way. Where the alternative studies are undertaken at another institution, it is the student’s responsibility to provide an official statement of results from the other institution. In this case, credit for the alternative studies will be given in the form of exemption.

1.18 Leave of absence

**FORM:** Change to Enrolment Form (Form C) or Enrolment Statement (Form E).

**SOURCE:** Student Centres.

**SUBMIT TO:** Enrolments Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.

Students who find that their circumstances necessitate a period of absence from their course may request leave of absence.
Normally leave of absence will not be granted in the first semester of the first year of study except where the absence is necessitated by medical, compassionate or other exceptional circumstances as determined by the Registrar.

Following the first semester of the first year of study for students in undergraduate courses, except where specified in the course rules, approval of leave of absence for periods up to one year is automatic (note that international students must be able to enrol in a full-time program on their return from leave). For periods in excess of one year or for students in postgraduate courses, leave of absence is subject to approval by the relevant Dean of Faculty.

In cases where leave of absence is granted after 31 March for first semester or 31 August for second semester, ‘Withdrawn – Failure’ results will be awarded except where the Registrar, on advice from the Faculty, is satisfied that the period of leave was necessitated by medical, compassionate or other exceptional circumstances. Documentary evidence, such as medical certificates or statements from employers, must be submitted in support of requests.

At the end of the nominated period, students are sent a form with which to re-enrol. If they do not re-enrol, their leave of absence is terminated and their enrolment status is altered to ‘Cancelled’.

### 1.19 Cancellation of enrolment

**FORM:** Change to Enrolment Form (Form C) or Enrolment Statement (Form E).

**SOURCE:** Student Centres.

**SUBMIT TO:** Enrolments Office, Kelvin Grove campus or Student Centres.

Students may cancel their enrolment in a course at any time but should take into account the provisions of Rule 1.10. International students who cancel their enrolment will have their student visa cancelled.

### 1.20 Re-admission following a period of non-attendance or exclusion

**FORM:** Re-admission Form (Form R) or Application for Admission as an International Student (Form F).

**SOURCE:** Admissions Office, Kelvin Grove campus or Office of International Students, Kelvin Grove campus or Student Centres.

**SUBMIT TO:** Admissions Office, Kelvin Grove campus, Office of International Students, Kelvin Grove campus or Student Centres.

Students who wish to re-enter a course after a period of absence and who are not returning from leave of absence may apply for re-admission.

Re-admission applicants who have not completed all first and second semester units listed in the course requirements for the full-time mode of an undergraduate course must satisfy the entry requirements and cut-off levels applicable for the relevant admissions period.

Students who have been excluded from a course as a result of unsatisfactory academic performance will not be considered for re-admission until at least two semesters have elapsed since exclusion. Applications require the approval of the relevant Faculty Academic Board.

Application is made directly to the University and must be lodged by the published due date of the semester in which the student wishes to resume. The student must submit a written statement in support of the application, which should address such factors as changed circumstances, academic and/or vocational performance since exclusion, maturity and motivation.

A student who is permitted to re-enrol following a period of absence will be required to satisfy the course requirements which apply at the time of resumption. Depending on the length of the absence and on changes to course content and structure during the intervening period, the student will not necessarily retain credit for all units completed prior to the absence. The Course Coordinator may require a student to repeat units which have been passed previously or to undertake additional units in order to satisfy the current course requirements.

### 1.21 Time limits for completion of courses

Students are expected to progress with minimum interruption towards completion of their course. Time limits have been established for each type of course and are measured in calendar years from the first day of the first semester in which the student was enrolled. The time limits, inclusive of periods of exclusion, leave of absence or other periods of interruption, are as follows:

- [ ] Doctoral and Masters degree courses by research – as per course requirements
- [ ] Graduate diplomas and Masters degree courses equivalent to two years of full-time study – 6 years
- [ ] Graduate diplomas, Honours degrees, degrees and Masters degrees equivalent to one year of full-time study – 4 years
- [ ] Degrees, Graduate diplomas and Masters degrees equivalent to one and a half years of full-time study – 5 years
Bachelor degrees and diploma courses – 10 years
Combined degree courses – 11 years
Associate degree and associate diploma courses – 7 years
Graduate and advanced certificate courses – 2 years

Students who exceed these limits may be asked to show cause why they should not be excluded from further enrolment in the course.

Students excluded because of failure to complete a course within time limits have the right of appeal. (See Section 8, Student Appeals.)

2. SANCTIONS ON STUDENTS WHO FAIL TO MEET OBLIGATIONS

The Registrar may impose sanctions on a student who has failed to meet one or more of the following obligations:
- payment of prescribed fees
- payment of late fees
- payment of fines
- payment of a debt to the University
- return of Library materials/Faculty equipment or materials
- conforming with instructions or essential procedures.

One or more of the following sanctions may be applied:
(i) withholding of results
(ii) withholding of transcript of academic record
(iii) withholding of award certificate
(iv) loss of right to re-enrol.

In lieu of (i), (ii) and (iii) above, a statement that the student has completed course requirements may be provided for purposes of seeking employment.

Sanction (iv) shall not apply to a case of failure to meet an obligation to repay a debt to the University.

The student will be informed in writing of the application of sanctions. (Refer to Section 6, Review of grades and academic rulings, for provisions for appeal against the imposition of sanctions.)

The sanctions will be lifted once the student has discharged the obligation which led to their application.

3. NON-AWARD STUDIES

3.1 Definition
Non-award students are those who have approval to undertake certain units from an award course without enrolling in the course itself.

Non-award students receive normal instruction, assessment and examination results in such units but are not admitted to undertake a complete award course.

3.2 Categories
There are two categories of non-award students:
- cross-institution students who undertake QUT units for credit towards an award course at an Australian Commonwealth-funded institution
- visiting students who undertake units from award courses for purposes of professional or personal development, or in order to meet course entry requirements (this also includes HECS-liable students wishing to undertake units additional to the requirements of their award course).

3.3 Application procedure
Non-award students are required to make application for each semester in which they wish to study. Applicants are responsible for obtaining information on unit availability, suitability of their background and timetables.

An application for enrolment as a non-award student may be rejected if the applicant does not have an educational background appropriate to the unit/s applied for, or if there are insufficient places remaining in the class. An application for enrolment as a non-award student requires the approval of the relevant Dean of Faculty.

3.3.1 Cross-institution student
FORM: Cross-institution Admission Form (Form X).
SOURCE: Student Centres.
SUBMIT TO: Admissions Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.

An application for admission as a cross-institution student must be accompanied by documentary evidence from a recognised institution of higher education that the proposed unit/s are accepted for credit in a course offered by the institution.

3.3.2 Visiting student
FORM: Visiting Student Application Form (Form V).
SOURCE: Student Centres.
SUBMIT TO: Admissions Office, Kelvin Grove campus, Office of International Students (for international students only) or Student Centres.
3.4 Fees for non-award studies
Domestic cross-institution students are required as a condition of their enrolment to make payments under the Higher Education Contribution Scheme, and to pay fees for membership of the QUT Student Guild.

Visiting students are required to pay tuition and other fees as advised by the University. Non-payment of fees will lead to cancellation of enrolment.

International visiting student fees are charged on a pro-rata basis according to the full-time course fee.

3.5 Rules relating to non-award studies
Non-award students are subject to the University’s student rules generally, with the exception of those relating to unsatisfactory academic performance (Section 7).

Award course students may use previous visiting student studies as a basis for applying for credit under the terms and conditions of the existing policy for transfer of credit (Section 4). The maximum credit allowable will be determined by the rules applying to credit transfer for the specific award course for which the credit is sought.

Where a student is excluded from a course, the student is not permitted to enrol as a non-award student in any unit of that course except at the discretion of the Dean of Faculty responsible for the course.

4. TRANSFER OF CREDIT
FORM: Application for Academic Credit (Form AC).

SOURCE: Student Centres.

SUBMIT TO: Academic Credit Office, Kelvin Grove campus or Student Centres.

4.1 Policy
Credit towards a QUT award may be given for assessable learning outcomes achieved through formal and/or informal learning, work-related experience and/or life experience, to an extent that is consistent with maximising student progression while maintaining established academic standards.

It is considered to be in the interests of students to facilitate their movement between institutions and between courses of various types and levels.

The University has negotiated formal arrangements with a number of institutions concerning course articulation and the granting of agreed academic credit (Appendix 1); where no such arrangement exists, applications will be considered on their individual merit and in the spirit of this policy. The Course Coordinator, in consultation with relevant academic staff, is responsible for approving applications for academic credit which are not covered by formal arrangement.

Applicants may seek credit for continuing education programs. Such credit may be granted where learning outcomes relevant to the award course can be demonstrated, or where faculties have arrangements for the automatic granting of academic credit for designated continuing education programs.

In making a determination on applications for academic credit, consideration will be given to the following:

4.1.1 Total credit available
The maximum credit which may be granted depends on the length of the University award course within which credit is sought. For courses the duration of which is two years of equivalent full-time study or greater, credit may be granted up to a limit which ensures that the student completes at least the equivalent of one year of full-time study while enrolled in a QUT award course. For courses the duration of which is less than two years of equivalent full-time study, credit may be granted up to a limit which ensures that the student completes at least one half of the total credit points specified for the course while enrolled in a QUT award course.

In practice, credit is approved progressively until:

☐ account has been taken of all assessed learning outcomes relevant to the course, or
☐ credit has been awarded up to the credit limit specified above.

Where appropriate, a student may seek to complete an award course of a previously attended institution by enrolling in an agreed program of study at QUT as a cross-institution student. The student’s previous institution must agree in advance to the proposed program of study. It is the student’s responsibility to secure the agreement of the previous institution.

4.1.2 Recency of previous studies
In determining whether credit may be granted, the University must be confident of the currency of the applicant’s knowledge. An applicant cannot obtain credit for studies undertaken ten or more years previous to the date of application unless the applicant makes a special case or is assessed to establish the currency of his/her knowledge. Further, in fields where practice and technology are changing rapidly, credit may not be granted where knowledge has become dated.

4.2 Forms of credit
Three alternatives are available:

4.2.1 Specified exemption
Specified exemption will be approved when prior learning outcomes are assessed as satisfying the
objectives and requirements of the course unit or units for which credit is sought.

4.2.2 Unspecified exemption
Where course rules permit, exemption may be given from an unspecified unit on the basis of assessed learning outcomes judged to be equally acceptable within the structure of the course.

4.2.3 Block exemption
Where course rules permit, block exemption of a fixed number of credit points may be given on the basis of assessed learning outcomes judged to be equally acceptable within the structure of the course. Credit may be granted on a provisional basis, in which case confirmation of the granting credit is dependent on the student’s performance in some specified part of the course.

4.3 Application procedure
4.3.1 Timing of applications
Applicants and potential applicants for entry to a QUT course who also intend to apply for academic credit should do so immediately they are in possession of all the required documentation on which that credit will be based. Applications for academic credit may be submitted before an offer of a place in the course has been received, but must be submitted before the stipulated due date for academic credit applications.

Students already enrolled in a QUT course who become eligible to apply for credit should ensure that their application is submitted before the due date for academic credit applications in any semester in which the award of credit might affect their enrolment in a particular course unit or units.

Applications for academic credit received after the due date may not be processed in time for enrolment to be adjusted to reflect the credit granted. Applications received after the census date in any semester cannot be effective for that semester.

4.3.2 Documentation
Applicants are responsible for providing all relevant documentation, for example, an official transcript of results and copies of the course structure and outline or syllabus of all completed course units relevant to their application for academic credit. Before doing so, applicants are encouraged to contact the Course Coordinator to determine which of their previous studies and other learning experiences are likely to be relevant. Undocumented applications for academic credit are not considered.

4.3.3 Other requirements
Applicants for academic credit may be required to attend an interview or to undergo such assessment as the Course Coordinator may determine.

4.3.4 Notification
Applicants are notified in writing by the Registrar of the outcome of their application.

4.4 Review of credit application decisions
Applicants for academic credit who are dissatisfied with the outcome of an application may have the decision reviewed and can expect to be provided with a clear indication of the reasons for the ruling. The review procedure is set out in Rule 6.2 Review of Academic Rulings.

5. ASSESSMENT

ASSESSMENT POLICY
5.1 Assessment policy
Students will be assessed in accordance with the published assessment policy and practices of the Faculty offering the unit.

5.2 Notification of assessment requirements
A unit outline will be published and a copy made available for each student as soon as possible and no later than the second week of a teaching period. The outline will contain at least the following information:

☐ unit objectives
☐ statements of all assessment items, including due dates
☐ procedures to be used in determining the final grade including, where appropriate, a statement of any item/s for which a pass is required in order to gain an overall pass in the unit
☐ procedures for reviewing the mark for an assessment item
☐ procedures to facilitate feedback on progressive assessment during the course of a semester
☐ a reference to the University’s policy on plagiarism and any specific guidance to the student on the nature of the unit’s assessment items.

No subsequent changes to assessment requirements will be made except by mutual agreement between the lecturer responsible for the unit and the students taking the unit, and then only if approved by the relevant Head of School.

ASSESSMENT RULES
5.3 Availability for examinations
Internal students must be available to undertake examinations at the relevant QUT campus throughout periods designated for centrally organised examinations and at times specified in unit outlines.
for school-based examinations. External students will sit examinations at the same time as internal students; however, they undertake them at external examination centres. A student who fails to attend an examination receives no mark for the examination unless he or she is granted a deferred examination.

Examinations may be held between 8.00am and 9.00pm on weekdays, and 8.00am and 6.00pm on Saturdays.

5.4 Timetables
Final timetables for centrally organised examinations will be released to students no later than two weeks prior to their commencement.

5.5 Student identification
Students must bring into the examination room and keep displayed their current Student Identification Card.

5.6 Students to comply with directions
5.6.1 A student shall comply with all directions given by the examination supervisor and all instructions to candidates set out on the examination materials or displayed in the examination room.

5.6.2 A student's behaviour must not disturb, distract or adversely affect any other student.

5.7 Entering and leaving an examination room
5.7.1 Students who are given permission to enter or leave an examination room shall comply with all conditions on which the permission is given.

5.7.2 Students are not permitted to leave the examination room:
(i) until half the prescribed working time has elapsed
(ii) during the last 15 minutes of working time unless there are exceptional circumstances such as illness.

5.7.3 Students who arrive late and before half the working time of the examination has elapsed will normally be permitted to take the examination. However, no additional working time will be allowed unless exceptional circumstances warrant.

In the case of central examinations, the decision to grant extra time is made by the Examinations Officer, in consultation where necessary, with the Unit Coordinator.

5.8 Unauthorised material not to be brought into the examination room
Students may bring into an examination room only those materials approved for the unit under examination and indicated as such on the examination paper. All other materials are expressly prohibited unless:
(i) brought into the room with the permission of the supervisor, and
(ii) deposited by the student directly upon entering the examination room at a place stipulated by the examination supervisor.

It is inconsequential for this rule that the unauthorised material is not related to the unit under examination.

5.9 Student not to remove papers
A student shall not remove from the examination room any worked scripts or other paper provided for use during the course of the examination (other than the question paper supplied where this is authorised by the examination supervisor) or other material which is the property of the University.

5.10 Student not to communicate with others
During an examination a student shall not communicate by word or otherwise with any other person except the examination supervisor or examiner.

5.11 Cheating
Students are expected to exhibit honesty and ethical behaviour in undertaking assessment requirements of units. Cheating is defined as any behaviour whatsoever by students in relation to any item of assessment which may otherwise defeat the purposes of the assessment.

A student shall not cheat, attempt to cheat, or incite or assist other students to cheat in any assessment item.

5.12 Plagiarism
A student shall not plagiarise in any item of assessment.
Plagiarism is the act of taking and using another person’s work as one’s own. Where plagiarism occurs in items of assessment contributing to the result in a unit or course, it shall be regarded as, and treated in the same manner as, cheating in an examination. For the purpose of these rules any of the following acts constitute plagiarism unless the work is appropriately acknowledged:
- copying the work of another student
- directly copying any part of another person’s work
- summarising the work of another person
- using or developing an idea or thesis derived from another person’s work
- using experimental results obtained by another person
- incitement by a student of another to plagiarise.
Penalties for Breach of Assessment Rules

5.13 Penalties
5.13.1 If a student breaches Rules 5.6, 5.7, 5.8, 5.9, 5.10, 5.11, or 5.12, the student may be dealt with under the Student Discipline By-law.

5.13.2 A student who breaches any of the rules stated in 5.13.1 above shall be liable, in addition to any other penalty, to incur the following penalties:

(i) the award of a Low Fail result in the unit concerned
(ii) the award of Low Fail results in all units in which the student would have received final results in the same academic semester
(iii) exclusion from the University for a period
(iv) expulsion from the University.

5.13.3 Students accused of a breach of the rules will be given the opportunity to show cause why a penalty should not be applied.

5.13.4 A student excluded because of breach of assessment may appeal to the Academic Appeals Committee. An appeal must state the grounds and reasons for the appeal and must reach the Secretary of the Academic Appeals Committee within 14 days of the date of the letter advising the student of the penalty.

Deferred Examinations and Special Consideration of Factors Affecting Student’s Performance in Assessment

Form: Application for Deferred Examination/Special Consideration.

Source: Examinations Office, Gardens Point campus or Student Centres.

Submit to: Examinations Office, Gardens Point campus or Student Centres.

5.14 Deferred examinations
Students who through medical or other exceptional circumstances beyond their control are unable to attend an examination at the prescribed time or complete an examination may apply to sit for a deferred examination.

Applications for deferred examinations should include the documentation detailed in Rule 5.16 and should normally be submitted prior to or within three days of the examination date, depending on the circumstances.

Normally, deferred examinations are not granted to candidates who misread examination timetables.

A deferred examination is regarded as a significant concession to a student and, as such, will only be granted when a properly documented and timely case is made by the applicant. Students should not expect to be granted an unlimited number of deferred examinations.

Students will receive written notification of the outcome of their application including, where appropriate, the date, time, campus and format of the deferred examination.

5.15 Special consideration of factors affecting assessment performance
Students who consider that their performance in an assessment item was adversely affected by illness or other exceptional circumstances beyond their control may apply for special consideration.

Applications for special consideration, including the documentation detailed in Rule 5.16, should normally be submitted prior to or within three days of the examination or the submission of the assessment item.

5.16 Documentation required for deferred examination or special consideration

5.16.1 Students applying for a deferred examination or special consideration on medical grounds must submit a medical certificate from a registered medical or dental practitioner stating:

(i) For a deferred examination
   □ the date on which the practitioner examined the student
   □ the nature, severity and duration of the complaint (where appropriate)
   □ that in the practitioner’s opinion the student was not fit to sit for an examination on that day.

(ii) For special consideration
   □ the date on which the practitioner examined the student
   □ the nature, severity and duration of the complaint, or
   □ the practitioner’s opinion of the effect of the complaint on the student’s ability to perform satisfactorily in the assessment item.

In the case of an application for a deferred examination, a statement that a student was ‘not fit for duty’ will not be accepted. When applying for special consideration, a statement that a student is/ was suffering from a ‘medical condition’, without supporting comments from the practitioner as to the effect of the complaint, will not allow full consideration to be given to the student.

It is preferred that the practitioner provides a statement on surgery letterhead paper, or
alternatively, completes the formatted medical certificate printed on the reverse side of the application form.

5.16.2 Students applying for a deferred examination or special consideration on other than medical grounds must submit with the application a statutory declaration stating the disability or exceptional circumstances which:
- prevented or will prevent the student from sitting for the examination in the case of an application for a deferred examination
- affected the student’s performance in the assessment item in the case of an application for special consideration.

Students should also supply any corroborative evidence in support of the application.

RELIGIOUS CONVICTIONS

5.17 Alternative examination sittings

Students with religious convictions which preclude attendance at examinations in accordance with the official timetable have the right to alternative examination arrangements. Written requests for alternative examination sittings must be submitted to the Examinations Officer within 14 days of the release of the final timetable and include supporting documentation from the religious leader on organisational letterhead.

GRADING SCALE

5.18 Final results

Pass Grades
- 7 High Distinction
- 6 Distinction
- 5 Credit
- 4 Pass
- 3 Low Pass (see Note)
- S3 Pass Supplementary; final grade awarded following satisfactory completion of supplementary assessment (see Note), or
- S Satisfactory (where approved for use).

Fail Grades
- 2 Fail
- S2 Fail Supplementary
- 1 Low Fail
- K Withdrawn – Failure, or
- U Unsatisfactory (where approved for use).

Note: A grade of 3 counts as a passing grade for the purpose of completing award requirements and fulfilling prerequisite requirements, except where it is stated in course rules that a higher grade is required. The limit on the number of grades of 3 which may be credited towards an award is specified in Appendix 2. Grades of S3 are not regarded as equivalent to grades of 3 for purposes of Appendix 2.

Other Results
- E Exempt
- W Withdrawn

5.19 Unfinalised results

The following will be recorded when a result is not finalised at the time of release of results:
- A Result Unfinalised
  - The result will be issued when available.
- SA Supplementary Assessment
  - Student is to undertake supplementary assessment.
- DA Deferred Assessment
  - Student is to undertake deferred assessment.
- T Assessment Continues
  - Studies extending over more than one semester.

5.20 Grade Point Average

The Grade Point Average (GPA) is a simple numerical index which summarises the student’s academic performance in a course in a single semester and over the duration of the student’s enrolment in the course.

The GPA is reported on the Certificate of Results and on the Statement of Academic Record. Two values of the GPA are given: the GPA for the semester and the GPA in the course.

\[
\text{GPA} = \frac{\sum (\text{credit points of unit } \times \text{ numeric value of grade})}{\sum (\text{credit points of unit})}
\]

Notes
- The GPA calculation includes all attempts at units which are awarded a numeric grade or the result ‘Withdrawn – Failure’ (which is converted to a 1).
- Unfinalised results are not included in the calculation.
- Only QUT units are included (not units taken at an external institution).
- Only units taken after the introduction of the seven-point grading scale are included in the calculation.

RELEASE OF RESULTS

5.21 Release of results

Following certification by Deans of Faculties, results will be released at the direction of the Registrar.

5.22 Notification of results

A Certificate of Results will be mailed to each student at the end of each semester and after the completion of any Summer Program studies.

Passing grades and unfinalised results are published in the press.

Noticeboard lists containing all results are placed on University campus noticeboards.
5.22.1 Request for non-publication of results

**FORM:** Application for Non-publication of Results.

**SOURCE:** Examination Office, Gardens Point campus or Student Centres.

**SUBMIT TO:** Examination Office, Gardens Point campus or Student Centres.

Students may request to have their results withheld from public release on campus noticeboards and in the press. Application must be made no later than 30 May for First Semester, 30 October for Second Semester and 31 December for Summer Program studies. The request to withhold results from public release will remain in force until revoked in writing by the student.

**GRADUATION**

5.23 Eligibility for graduation

Students are eligible to graduate upon completion of course requirements.

A passing grade must be achieved in all units set out in the course structure, except that in certain specified units a grade of 4 or better must be obtained to satisfy the course requirements. In addition, Faculty Academic Boards have set a limit on the number of grades of 3 which may be credited towards awards. These limits are specified in Appendix 2.

Once a student has completed course requirements, a date of completion and the student’s graduation name will be recorded. The date of completion will normally be the date of the release of the final grade to effect graduation.

6. REVIEW OF GRADES AND ACADEMIC RULINGS

**FORMS:** Application for Review of Grade, Application for Review of Academic Ruling.

**SOURCE:** Examination Office, Gardens Point campus or Student Centres.

**SUBMIT TO:** Examination Office, Gardens Point campus or Student Centres.

6.1 Review of grades

During the course of a semester students should discuss their progress in all coursework exercises (including examinations which form part of progressive assessment) with relevant teaching staff, and can expect to be provided with a clear indication of the extent to which they have or have not achieved the objectives set for each assessment item.

Any student who believes that an error has been made or an injustice done with regard to a final grade for a unit may request a review of the grade, to the Registrar within 14 days of the release of the results. The steps for this process are outlined below.

Where, after discussion, the student believes that an error persists or that the final grade is not a fair reflection of his or her work, the student may request a review at the end of semester following notification of the final grade.

The review process may involve three steps.

- **Step 1 – Informal consultation**
  Upon notification of the final grade, a student who is dissatisfied with the grade should contact relevant teaching staff (lecturer, Unit Coordinator, Course Coordinator) and seek clarification of the reason for the grade.

- **Step 2 – School-level review**
  If a student remains dissatisfied after Step 1, or if the student is unable to make contact with relevant teaching staff, an application for a formal review may be submitted. Applications must be made on an Application for Review of Grade Form.

  Applications normally must be submitted to the Registrar within 14 days of the release of the results, accompanied by appropriate information and documentation if available, and must state the specific grounds on which the application for review is based.

  The Application for Review is forwarded to the Head of School responsible for the unit in dispute, who determines the form of the review. The University minimally requires that any such review consider whether all items of assessment have been marked and whether the aggregate marks were compiled accurately.

  The Registrar normally advises students of the outcome within 14 days of receipt of the application.

- **Step 3 – Faculty-level review**
  A student who is dissatisfied with the outcome of Step 2 may apply to the Registrar within seven days of receipt of such notification to progress to a further stage of review. The student must resubmit the Application for Review Form stating why the previous review was inadequate and may provide additional reasons or evidence for the further review.

  The application is forwarded through the chairperson to the Faculty review committee, which is a sub-committee of the Faculty academic board, and which minimally must comprise the Dean (or nominee), a member of academic staff and a student representative appointed by the Faculty academic board. The quorum of the committee is three. The committee determines whether grounds exist for the further review.
The process for Step 3 requires the Faculty involved, through the relevant Head of School, to reconsider the assessment of the item(s) in dispute. All such reconsiderations must be accompanied by a written rationale for the final decision reached, to ensure that due process has been observed and that a record exists of the decision.

Outcomes of such reviews must be endorsed by the faculty-level review committee. The committee determines whether reviews have been conducted appropriately, monitors the number and type of reviews conducted and reports on its activities to the faculty academic board.

The Registrar normally advises students of the outcome within 21 days of receipt of the application. Reviews may lead to no change or to either a less favourable or more favourable outcome for the student.

Reviews of Pass Grades under Steps 2 and 3 involve separate fees, which are reimbursed if a higher grade is awarded following the review. Review of fail grades attract no fee.

6.2 Review of academic rulings
Students who have received advice of a ruling in regard to an academic matter (for example, amount of credit awarded, cancellation of units, amendment of enrolment program, refusal of application to waive prerequisite), and who wish to be provided with further information on the basis and implications of the ruling, should contact their Faculty office. Faculty administration officers will provide available information in response to such a request, or arrange for the student to have further discussions as deemed appropriate in the circumstances.

If, after having received such further advice, the student believes that an error has been made or that a ruling is unjust, the student is entitled to submit an application for review. Applications must be made on an Application for Review of Academic Ruling Form.

Applications must be submitted to the Registrar within 14 days of mailing of written advice of a ruling. Applications must be accompanied by appropriate information and documentation if available, and must state the specific grounds on which the application for review is based.

Applications are referred to the relevant dean of faculty, who determines the form of the review. A review may lead to no change or to either a less favourable or more favourable outcome for the student. The Registrar advises students of the outcome of reviews.

6.3 Status of students awaiting the outcome of a review
The University will make determinations on reviews as soon as practicable, but will not necessarily resolve any particular case before the close of enrolments for the next semester.

In this event the student remains bound, pending resolution of the case, by the ruling or by the consequences of the grade which are the subject of the review or appeal, except in special circumstances as may be determined by the Registrar.

7. UNSATISFACTORY ACADEMIC PERFORMANCE AND EXCLUSION
Students are expected to maintain a satisfactory level of performance in their studies at QUT. Such performance may be defined in University or course-specific rules. Performance is reviewed at the end of each semester. Students whose performance is unsatisfactory are placed on probationary enrolment. If performance continues at an unsatisfactory level the student may be excluded. In addition, a single failure in a unit designated as critical to students’ progress in the course may result in exclusion.

This policy applies to studies undertaken while enrolled in an award course. Non-award students are required to apply for enrolment each semester, and their applications may be accepted or rejected by the Registrar on the recommendation of the relevant Dean of Faculty.

7.1 Probationary enrolment
A student is placed on probationary enrolment if:
(i) the student fails a unit which has been failed previously, or
(ii) the student fails two or more units which are cross-linked, or
(iii) the student has a Grade Point Average of less than 3.0 in the course in which he or she is enrolled.

For the purpose of this rule a unit is uniquely identified by the unit code. Where a unit code and/or title has been changed on administrative grounds, the unit will be deemed to be the same unit for the purpose of this rule.

The Registrar notifies students that they have been placed on probationary enrolment and advises them that they should discuss their progress with their Course Coordinator.

7.2 Terms of probationary enrolment
Students on probationary enrolment are required to enrol as the Course Coordinator directs.
Students placed on probationary enrolment at the end of First Semester remain on probationary enrolment for the duration of the following semester. Students placed on probationary enrolment at the end of Second Semester remain on probationary enrolment for First and Second Semester of the following year.

If a student cancels their enrolment while on probationary enrolment, any subsequent enrolment in that course is a probationary enrolment for the purposes of defining eligibility for exclusion. The periods of probationary enrolment before and after the period of cancelled enrolment are counted as one period of probationary enrolment.

7.3 Exclusion
The Faculty academic board may exclude a student under the following circumstances:

(i) at the end of Second Semester, the academic board may exclude a student who has had, or is eligible for, a second or subsequent period of probation during the year

(ii) at the end of Second Semester, the academic board may exclude a student who has failed to achieve a satisfactory level of performance in a designated unit.

Designated units are indicated in Appendix 3 and include professional experience units, units requiring the development of particular skills and units requiring certain personal qualities. A satisfactory level of performance in a designated unit is a grade of 4 (Pass) or higher, or S – Satisfactory, where appropriate.

A student who is eligible under (i) or (ii) above but who is not excluded by the academic board is placed on probation.

Exclusion normally applies to the course in which the student was enrolled. An academic board may exclude a student from all courses or a specified group of courses offered by the faculty if the student is eligible for exclusion under (i) or (ii) above and has either had at least two periods of probationary enrolment or been excluded previously from another QUT course.

The academic committee, on the recommendation of the academic board, may exclude a student from all QUT courses if the academic board is recommending exclusion from all the Faculty’s courses and the student has been excluded previously from a course in another faculty.

An excluded student may not enrol as a non-award student in any units in the course or courses from which they have been excluded except at the discretion of the Dean of the Faculty responsible for the course.

Students who are excluded are notified by registered mail. Excluded students have the right of appeal to the Academic Appeals Committee.

7.4 Duration of exclusion and readmission after exclusion
If a student does not appeal against an exclusion decision or if the student’s appeal is not successful, the exclusion remains in force for an indefinite period of time and may only be revoked by the decision of the Faculty academic board to approve an application for readmission.

An application for readmission will not be considered until at least twelve months have elapsed since the exclusion was imposed.

The student’s application for readmission must be accompanied by a statement which addresses such factors as changed circumstances, academic and/or vocational performance since exclusion, maturity and motivation.

Students readmitted after a period of exclusion will be placed on probationary enrolment for First and Second Semester.

At the end of the academic year, the academic board of the relevant Faculty will review the academic performance of each student readmitted to the course during that year. If the student’s Grade Point Average since readmission is less than 3.5, the student may be excluded as per Rule 7.3.

If the student is permitted to proceed with the course, in subsequent years the student is subject to the probationary rules. In administering the probationary rules, units failed prior to the period of exclusion and the Grade Point Average prior to the period of exclusion will be taken into account.

8. STUDENT APPEALS
A student who has been excluded on the grounds of unsatisfactory academic performance or failure to complete an award within time limits or who has been excluded because of breach of assessment rules has right of appeal.

8.1 General procedure to lodge an appeal
Appeals are made in writing to the Secretary of the Academic Appeals Committee. Applications must be made on an exclusion appeal form and must include the grounds and reasons for the Appeal. Appeals must reach the Secretary of the Academic Appeals Committee within 14 days of the date of the letter which advised the student of the exclusion. The University reserves the right not to consider appeals lodged after this date.
8.2 Appeals against exclusion for unsatisfactory academic performance
An appeal against exclusion for unsatisfactory academic performance is referred to the relevant Faculty Academic Board. The Academic Board recommends to the Academic Appeals Committee whether the appeal should be upheld or dismissed. The Committee considers:

☐ whether the penalty imposed and procedures followed were correct according to policy and rules
☐ the severity or otherwise of the penalty imposed
☐ mitigating circumstances advanced by or on behalf of the student in the appeal.

Appellants may be invited to present their case to the Academic Appeals Committee at a time nominated by the Committee. An appellant may choose to be accompanied by a companion. The companion may not speak unless invited to do so by the Chair of the Committee. A representative of the Equity Board may be invited to attend the Academic Appeals Committee.

When an appeal against exclusion is upheld, the student is placed on probationary enrolment for the remainder of the academic year. The decision of the Academic Appeals Committee shall be final.

8.3 Appeals against exclusion for failure to complete a course within time limits
An appeal against exclusion for failing to complete a course within time limits is referred to the relevant Academic Board. The Academic Board recommends to the Academic Appeals Committee whether the appeal should be upheld or dismissed. The Committee considers:

☐ whether the penalty imposed and the procedures followed were correct according to the relevant policies and rules
☐ the severity or otherwise of the penalty imposed
☐ mitigating circumstances advanced by or on behalf of the student in the appeal.

Appellants may be invited to present their case to the Academic Appeals Committee at a time nominated by the Committee. An appellant may choose to be accompanied by a companion. The companion may not speak unless invited to do so by the Chair of the Committee. A representative of the Equity Board may be invited to attend the Academic Appeals Committee.

When the Academic Board recommends that an appeal be upheld, the Board includes in its report a specified period in which the student will complete the course requirements and any units or special examinations that the student will be required to undertake.

8.4 Appeals against exclusion for breach of assessment rules
An appeal against exclusion for cheating is referred to the Academic Appeals Committee which determines whether the appeal should be upheld or dismissed. The Committee considers:

☐ whether the original penalty was correct under the relevant rules
☐ whether procedures were properly carried out
☐ the severity or otherwise of the penalty imposed.

Appellants may be invited to present their case to the Academic Appeals Committee at a time nominated by the Committee. An appellant may choose to be accompanied by a companion. The companion may not speak unless invited to do so by the Chair of the Committee. A representative of the Equity Board may be invited to attend the Academic Appeals Committee. The decision of the Academic Appeals Committee shall be final.

8.5 Status of students awaiting the outcome of an appeal
The University will make determinations on academic appeals as soon as practicable, but will not necessarily resolve any particular case before the close of enrolments for the next semester. Students whose appeals will not be resolved before the commencement of semester (where the delay is not the fault of the student) are issued with a letter of authorisation for attendance at classes only, pending the outcome of the appeal.

In this event the student remains bound, pending resolution of the case, by the ruling or by the consequences of the grade which are the subject of the appeal, except in special circumstances as may be determined by the Registrar.

9. HIGHER EDUCATION CONTRIBUTION SCHEME (HECS)
Under Commonwealth Government legislation, all HECS-liable students must comply with certain conditions with respect to the HECS as a condition of their enrolment.

A number of changes to HECS were introduced in 1997. The most significant of these were:

☐ Differential HECS contributions for students commencing a course of study from 1 January 1997.
Lower compulsory repayment thresholds and rates to apply from July 1997 (for the 1997-98 income year).

9.1 Existing HECS rates for pre-1997 students

A student is to be regarded as pre-1997 if he or she was a contributing student (or would have been a contributing student had he or she not deferred) at QUT or at another Australian university prior to 1 January 1997. Pre-1997 students will be charged HECS under existing arrangements until the completion of their courses. Further details defining the categories of pre-1997 students are available from the Student Fees Office.

In 1998, the HECS contribution for a pre-1997 student continuing a course of study and undertaking a full-time study load was $2520 for a full year. Pre-1997 students are charged HECS under existing arrangements until the completion of their courses.

9.2 Differential HECS rates for commencing students

Commencing students who are not treated as pre-1997 students are required to pay HECS at the differential HECS rates. Calculation of differential HECS liability for a unit of study is based on study load or EFTSU (Equivalent Full-time Student Unit) and the discipline classification of the unit. Discipline classification for each unit is linked to one of three HECS Band rates. To determine HECS liability, EFTSU for the semester is then multiplied by the HECS Band. Further details of HECS Band rates are available from the Student Fees Office.

9.3 HECS Payment Options Declaration Form

All students (except for international students) are required to lodge the HECS Payment Options Declaration form at the time of their initial enrolment in a course. Proof of citizenship or residency may be required when lodging this form. A new HECS Payment Options Declaration form must be lodged when a student changes course or when a student wishes to change HECS payment options. Students concurrently enrolled in more than one course are required to lodge a new HECS Payment Options Declaration form for each course.

Unless a student is exempted from HECS under the terms of Commonwealth legislation, the student must select either the Up-front payment option, the partial Up-front payment option, or the deferred option as the method for making their HECS payment. Students who select the Up-front payment option may also choose the Safety Net provision.

Students who fail to lodge a valid HECS Payment Options Declaration form by the first day of the semester of enrolment in their course will have their enrolment cancelled on the grounds that they have not fulfilled the conditions of enrolment.

9.4 Australian permanent residents and New Zealand citizens

The following categories of students are required to pay HECS up-front without the 25 per cent discount and cannot select the deferred payment option:

- New Zealand citizens who commenced a course of study on or after 1 January 1996
- New Zealand citizens who commenced a course of study prior to 1996, and who have been resident in Australia for a continuous period of less than two years;
- New Zealand citizens enrolling as external students resident outside Australia
- Australian permanent residents residing outside Australia for the semester for a reason other than a requirement of the course
- persons both granted permanent resident status on or after 1 January 1996 AND commencing a course of study on or after 1 January 1996 and who, after meeting the normal requirements for Australian citizenship, do not become Australian citizens within 12 months of satisfying the citizenship requirements. No student will be in such a position until 1999 at the earliest. In the meantime, students have the option of deferring their contribution or pay up-front with the 25 per cent discount.

9.5 Changing HECS payment option

Eligible students may change their HECS payment option by lodging a new HECS Payment Options Declaration form by the first day of the semester. The new payment option applies to all future semesters until a further change of payment option is notified.

9.6 Final Notice of Enrolment and HECS Liability

Following the census date for a semester, students are provided with final confirmation of their current enrolment program and HECS liability for the semester which was determined by their unit enrolment on the census date. Students have 14 days from the date of the Final Notice to advise Student Administration of any error in the notice.
10. STUDENT GUILD FEE RULES

10.1 Membership of the Student Guild
Subject to Rule 10.2, all enrolled students, excepting such persons or classes of persons as QUT Council declares by resolution to be ineligible for membership, shall be members of the Student Guild.

10.2 Conscientious objection
An enrolled student who:
- declares by letter addressed to the Registrar the nature of his or her conscientious objection to being a member of the Student Guild
- notifies the Student Guild that he or she has made such declaration in writing to the Registrar
- pays to QUT an amount equivalent to the Student Guild fees which would be payable if the student were a member of the Student Guild

is exempt from membership of the Student Guild.

10.3 Fees to be paid
Student Guild fees payable for membership of the Student Guild shall be the amount approved by QUT Council. Student Guild fees for both semesters shall be paid in full prior to, or at the time of, submitting an Enrolment Form.

10.4 Consequences of non-payment or part-payment
If Student Guild fees payable by a student have not been paid at the time of lodging an Enrolment Form, or the student has not notified the Registrar of a conscientious objection as per Rule 10.2, the Registrar may refuse to accept the student’s enrolment.

A student who has not paid all Student Guild fees due and who satisfies the Registrar that he or she is unable to make payment at the time of submitting an Enrolment Form may be granted an extension of time in which to pay the fees. In this case the enrolment is accepted subject to an agreement that all Student Guild fees will be paid by the extended date indicated by the Registrar.

A student who has not paid the full amount of Student Guild fees due may have their enrolment cancelled or may have sanctions imposed as specified in Rule 2.

10.5 Refund of fees
A student who cancels enrolment on or before 31 March for First Semester, or 31 August for Second Semester shall be entitled to a refund of the Student Guild fees for that semester. The refund will be made by the University on behalf of the QUT Student Guild. The student is required to surrender any current QUT Student ID Card.

11. MISCELLANEOUS STUDENT CHARGES

11.1 Guild fees
The annual Guild membership fees for 1998 are:
- Full-time students $170
- Part-time students $68
- External students $20

11.2 Postgraduate tuition fees
Students enrolled in courses shown below will be required to pay the postgraduate tuition fee listed, unless they have been previously enrolled in the course on a HECS liable basis.

Fee per credit point

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS16</td>
<td>Master of Social Science (Human Services)</td>
<td>$60</td>
</tr>
<tr>
<td>SS17</td>
<td>Master of Social Science (Psychology)²</td>
<td>$65</td>
</tr>
<tr>
<td>New</td>
<td>Master in Communication Design²</td>
<td>$100</td>
</tr>
<tr>
<td>MJ23</td>
<td>Graduate Diploma in Arts²</td>
<td>TBA</td>
</tr>
<tr>
<td>SS15</td>
<td>Graduate Diploma in Social Science (Human Services)</td>
<td>$60</td>
</tr>
<tr>
<td>SS30</td>
<td>Graduate Diploma in Social Science (Clinical Hypnosis)</td>
<td>$60</td>
</tr>
<tr>
<td>SS31</td>
<td>Graduate Certificate in Social Science (Clinical and Experimental Hypnosis)</td>
<td>$60</td>
</tr>
<tr>
<td>SS32</td>
<td>Graduate Certificate in Social Science (Clinical Hypnosis Practice)</td>
<td>$60</td>
</tr>
<tr>
<td>MJ24</td>
<td>Graduate Certificate in Arts (Creative Writing)</td>
<td>$60</td>
</tr>
<tr>
<td>MJ25</td>
<td>Graduate Certificate in Arts (Film and Television Production)</td>
<td>$75</td>
</tr>
<tr>
<td>MJ26</td>
<td>Graduate Certificate in Arts (Journalism)</td>
<td>$75</td>
</tr>
</tbody>
</table>

1 Additional charges may apply to students enrolling in short course or distance education units. Students enrolling in EE78 will incur an additional $1000 thesis supervision charge.

2 Proposed new postgraduate tuition fee-paying course in 1999.
<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME70 Graduate Certificate in Engineering</td>
<td>$75</td>
</tr>
<tr>
<td>(Materials Technology)</td>
<td></td>
</tr>
<tr>
<td>New Master of Facilities Management</td>
<td>$90</td>
</tr>
<tr>
<td>AR65 Graduate Certificate in Building Fire</td>
<td>$65</td>
</tr>
<tr>
<td>Safety</td>
<td></td>
</tr>
<tr>
<td>CE62 Graduate Certificate in Civil Engineering</td>
<td>$80</td>
</tr>
<tr>
<td>New Graduate Certificate in Road Safety</td>
<td>TBA</td>
</tr>
<tr>
<td>New Graduate Diploma in Road Safety</td>
<td>TBA</td>
</tr>
</tbody>
</table>

**Faculty of Business**

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS81 Master of Business Administration</td>
<td>$90</td>
</tr>
<tr>
<td>(Professional)</td>
<td></td>
</tr>
<tr>
<td>GS80 Master of Business Administration</td>
<td>$90</td>
</tr>
<tr>
<td>(International)</td>
<td></td>
</tr>
<tr>
<td>GS82 Master of Business Administration</td>
<td>$90</td>
</tr>
<tr>
<td>(New Venture Management)</td>
<td></td>
</tr>
<tr>
<td>GS70 Graduate Diploma in Business</td>
<td>$90</td>
</tr>
<tr>
<td>Administration</td>
<td></td>
</tr>
<tr>
<td>BS30 Graduate Certificate in Management</td>
<td>$90</td>
</tr>
<tr>
<td>BS89 Master of Business (Professional</td>
<td>$80</td>
</tr>
<tr>
<td>Accounting)</td>
<td></td>
</tr>
<tr>
<td>BS93 Master of Business (Quality)</td>
<td>$75</td>
</tr>
<tr>
<td>BS93 Master of Business (other majors</td>
<td>$65</td>
</tr>
<tr>
<td>excluding Quality)</td>
<td></td>
</tr>
<tr>
<td>BS98 Master of Applied Finance</td>
<td>$80</td>
</tr>
<tr>
<td>BS96 Graduate Diploma in Applied Finance</td>
<td>$80</td>
</tr>
<tr>
<td>BS94 Master of Commerce</td>
<td>$65</td>
</tr>
<tr>
<td>BS88 Master of Business (Communication</td>
<td>$65</td>
</tr>
<tr>
<td>Studies)</td>
<td></td>
</tr>
<tr>
<td>BS70 Graduate Diploma in Advanced</td>
<td>$65</td>
</tr>
<tr>
<td>Accounting</td>
<td></td>
</tr>
<tr>
<td>BS72 Graduate Diploma in Communication</td>
<td>$65</td>
</tr>
</tbody>
</table>

**Faculty of Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED14 Master of Education (TESOL)</td>
<td>$60</td>
</tr>
<tr>
<td>ED61 Graduate Certificate in Education</td>
<td>$60</td>
</tr>
<tr>
<td>(Generic)</td>
<td></td>
</tr>
<tr>
<td>ED13 Master of Education</td>
<td>$60</td>
</tr>
<tr>
<td>ED20 Graduate Diploma in Education</td>
<td>$60</td>
</tr>
<tr>
<td>(Early Education)</td>
<td></td>
</tr>
<tr>
<td>ED21 Graduate Diploma in Education</td>
<td>$60</td>
</tr>
<tr>
<td>(Computer Education)</td>
<td></td>
</tr>
<tr>
<td>ED25 Graduate Diploma in Education</td>
<td>$60</td>
</tr>
<tr>
<td>(Teacher-Librarianship)</td>
<td></td>
</tr>
<tr>
<td>ED28 Graduate Diploma in Education</td>
<td>$60</td>
</tr>
<tr>
<td>(Learning Support)</td>
<td></td>
</tr>
<tr>
<td>ED77 Graduate Certificate in Education</td>
<td>$60</td>
</tr>
<tr>
<td>(TESOL)</td>
<td></td>
</tr>
</tbody>
</table>

**Faculty of Health**

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS32 Graduate Certificate in Nursing</td>
<td>$60</td>
</tr>
<tr>
<td>HL38 Graduate Certificate in Health Science</td>
<td>$60</td>
</tr>
</tbody>
</table>

**Faculty of Law**

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>LW51 Master of Laws by Coursework</td>
<td>$75</td>
</tr>
<tr>
<td>LW60 Graduate Certificate in Law</td>
<td>$75</td>
</tr>
<tr>
<td>JS25 Graduate Certificate in Justice Studies</td>
<td>$75</td>
</tr>
</tbody>
</table>

**Faculty of Information Technology**

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT18 Graduate Certificate in Information</td>
<td>$100</td>
</tr>
<tr>
<td>Technology</td>
<td></td>
</tr>
<tr>
<td>IT50 Master of Information Technology</td>
<td>$100</td>
</tr>
<tr>
<td>(Professional)</td>
<td></td>
</tr>
<tr>
<td>IT91 Graduate Certificate in Information</td>
<td>$100</td>
</tr>
<tr>
<td>Technology (Software Engineering)</td>
<td></td>
</tr>
<tr>
<td>IT92 Graduate Certificate in Information</td>
<td>$100</td>
</tr>
<tr>
<td>Technology (Information Security)</td>
<td></td>
</tr>
<tr>
<td>IT93 Graduate Certificate in Information</td>
<td>$100</td>
</tr>
<tr>
<td>Technology (Enterprise Wide Software)</td>
<td></td>
</tr>
<tr>
<td>IT97 Graduate Certificate in Information</td>
<td>$100</td>
</tr>
<tr>
<td>Technology (Generic)</td>
<td></td>
</tr>
</tbody>
</table>

**Faculty of Science**

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS80 Master of Applied Science (Life Science)</td>
<td>$60</td>
</tr>
</tbody>
</table>

**Interfaculty**

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>IF64 Master of Public Policy</td>
<td>$65</td>
</tr>
<tr>
<td>IF69 Graduate Diploma in Quality</td>
<td>$75</td>
</tr>
<tr>
<td>IF91 Graduate Certificate in Facilities</td>
<td>$90</td>
</tr>
<tr>
<td>Management</td>
<td></td>
</tr>
<tr>
<td>IF92 Graduate Diploma in Facilities</td>
<td>$90</td>
</tr>
<tr>
<td>Management</td>
<td></td>
</tr>
<tr>
<td>IF68 Graduate Certificate in Quality</td>
<td>$75</td>
</tr>
</tbody>
</table>

Students who fail to pay the invoiced amount by the due date will be charged a late fee for acceptance of the payment. Failure to pay the required fee by the semester census date will lead to cancellation of enrolment.

### 11.3 Visiting student fees

The Visiting Student Fees applicable to domestic students for each faculty are:

<table>
<thead>
<tr>
<th>Fee per credit point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty of Arts</td>
</tr>
<tr>
<td>– Undergraduate $60</td>
</tr>
<tr>
<td>– Postgraduate $60</td>
</tr>
<tr>
<td>Faculty of Built Environment and Engineering</td>
</tr>
<tr>
<td>– Undergraduate $65</td>
</tr>
<tr>
<td>– Postgraduate $70</td>
</tr>
<tr>
<td>Faculty of Business</td>
</tr>
<tr>
<td>– Undergraduate $65</td>
</tr>
<tr>
<td>– Postgraduate $90</td>
</tr>
<tr>
<td>Faculty of Education</td>
</tr>
<tr>
<td>– Undergraduate $60</td>
</tr>
<tr>
<td>– Postgraduate $60</td>
</tr>
<tr>
<td>Faculty of Health</td>
</tr>
<tr>
<td>– Undergraduate $60</td>
</tr>
<tr>
<td>– Postgraduate $60</td>
</tr>
<tr>
<td>Faculty of Information Technology</td>
</tr>
<tr>
<td>– Undergraduate $60</td>
</tr>
<tr>
<td>– Postgraduate $100</td>
</tr>
<tr>
<td>Faculty of Law</td>
</tr>
<tr>
<td>– Undergraduate $75</td>
</tr>
<tr>
<td>– Postgraduate $75</td>
</tr>
<tr>
<td>Faculty of Science</td>
</tr>
<tr>
<td>– Undergraduate $60</td>
</tr>
<tr>
<td>– Postgraduate $60</td>
</tr>
</tbody>
</table>

2 Proposed new postgraduate tuition fee-paying course in 1999.

3 This course has both HECS and tuition fee-paying places. The payment of Postgraduate Tuition fees will only apply to some students enrolled in this course.
Students who fail to pay the invoiced amount by the due date will be charged a late fee for acceptance of the payment. Failure to pay the required fee by the semester census date will lead to cancellation of enrolment.

11.4 Postgraduate tuition fee and visiting student fee refund policy (excluding international students)

For single and multi-semester units undertaken in the First or Second semester, students who cancel their enrolment in the first two weeks of the semester are entitled to a full refund of any fees paid. Where cancellation occurs from the third week of the semester to 31 March in the case of First Semester, or 31 August in the case of Second Semester, an administration charge equivalent to 25 per cent of the student’s assessed liability will be levied and any remaining portion of the tuition fee which has been paid will be issued as a refund. Where cancellation occurs after 31 March in the case of First Semester, or 31 August in the case of Second Semester, no refund of fees will be approved.

For units undertaken in the Summer Program and units undertaken in the intensive study mode, students who cancel their enrolment prior to the commencement of teaching are entitled to a full refund of any fees paid. Where cancellation occurs after the commencement of teaching and before the end of the second week, an administration charge equivalent to 25 per cent of the student’s assessed liability will be levied and any remaining portion of the tuition fee which has been paid will be issued as a refund. Where cancellation occurs after the second week of teaching no refund of tuition fees will be approved.

The Registrar, on advice from the Faculty, may waive the refund administration charge when satisfied that the cancellation was necessitated by medical, compassionate or other exceptional circumstances.

11.5 Administrative charges*
* These charges are subject to review, and the University reserves the right to make changes as necessary.

- Late lodgement of application for admission $20
- Late lodgement of enrolment form $30
- Late addition to an enrolment program $20
- Addition to enrolment program not made on the prescribed form $20
- Reinstatement of enrolment following administrative cancellation $30
- Lodgement of Postgraduate Change of Preference Form $20
- Review of Pass grades (refundable)
  - Step 2 – School-level review $10
  - Step 3 – Faculty-level review $20

11.6 Deposit system for use of laboratory facilities

A student enrolled in any unit included in the ‘Schedule of Units relating to Laboratory Deposits’, which the Registrar may vary from time to time, shall deposit $50 for the use of laboratory facilities.

The student shall be required to pay only one deposit irrespective of the number of such units included in an enrolment.

At the end of the year the deposit shall be refunded to the student less the cost of any breakages which have not been made good.
APPENDIX 1: CREDIT TRANSFER POLICIES

1.1 Policy statement: general principles concerning transfer of credit and combined awards – Technical and Further Education; (TAFE)/ QUT

There is a history of favourable credit transfer arrangements between various TAFE and QUT courses. Further, there is a general willingness on the part of TAFE and QUT to review courses to identify areas in which advanced standing, transfer of credit, efficient progression from TAFE to QUT courses and the development of combined awards might be appropriate. TAFE and QUT seek to eliminate unnecessary barriers to student progression, recognise problem areas and seek appropriate solutions and processes so that increased numbers of better educated graduates can be made available to industry.

The following principles form the substance of the agreement between QUT and TAFE in this area.

Principles

Note: These principles apply specifically to credit transfer arrangements and combined awards between TAFE advanced diploma and diploma courses and QUT degree level courses in related fields.

(i) **Course development/review:** When developing and/or reviewing units with common or closely linked vocational outcomes, TAFE and QUT will work in consultation with a view to establishing automatic equivalence. Units developed in this way will give TAFE students full QUT exemptions.

(ii) **Block exemptions:** The awarding of block credits is given a high priority. This allows for appropriate substitution in degree courses without disadvantaging the student’s foundation in core discipline units. While a normal exemption would comprise 96 credit points (Diploma or Advanced Diploma), in certain circumstances additional credit may be awarded.

(iii) **Individual unit exemptions:** Where there is a close equivalence between TAFE and QUT units and/or they have been prepared jointly, then the student will be given credit for individual units that may fall outside those already credited in any block exemption.

(iv) **Maximum recognition of previously completed learning:** A student should be given maximum recognition for prior learning.

Credit should be given for all appropriate learning experiences.

(v) **The adoption of flexible constructs for credit exemptions:** Flexible constructs should be adopted to ensure that the combined credit exemptions of unit blocks, individual units and recognition of prior learning are not reduced by a pre-determined ceiling. The only limiting factor in such arrangements is standard QUT policy regarding transfer of credit.

(vi) **Joint use of resources:** Where appropriate and mutually beneficial, maximum utilisation of joint resources (human and physical) will be made in the development and delivery of courses.

(vii) **Combined awards:** Where joint arrangements could provide more effectively for the flexibility and specialisations sought by industry, the development of combined awards will be encouraged.

(viii) **New articulation and credit transfer arrangements:** Individuals or groups seeking to initiate any development that may lead to articulation and/or transfer of credit between TAFE and QUT are to do so through the appropriate Consortium Manager (TAFE) and Dean of Faculty (QUT).

1.2 Articulation of awards

The University considers that it is in the interest of students to facilitate their movement between courses of various types and levels. In developing new courses or revising existing courses, Faculties are asked to pay particular attention to achieving close articulation between courses both within the University and between institutions/sectors (e.g. QUT and TAFE).

Specific articulation and credit transfer arrangements between levels of completed awards in related fields will normally be as follows:

- **Associate degree**
  Upon entry to these awards, students will normally gain credit on the basis of the following:
  (i) certificate – 24 credit points (0.5 semester),
  (ii) advanced certificate – 48 credit points (1.0 semester).

- **Bachelor degree awards**
  Upon entry to these awards, students will normally gain credit on the basis of the following:

---

4 All semester values refer to full-time or equivalent. QUT operates on standard length semesters of 48 credit points.
(i) associate diploma – 96 credit points (2.0 semesters), or
(ii) diploma – 96 credit points (2.0 semesters), or
(iii) advanced diploma – 96 to 192 credit points (2.0 – 4.0 semesters).

**Graduate diploma awards**
Upon entry to these awards, students will normally gain credit on the basis of the following:

(i) graduate certificate – 48 credit points (1.0 semester).

**Two-year Masters degree awards**
Upon entry to these awards, students will normally gain credit on the basis of the following:

(i) four-year bachelor degree at honours standard – 96 credit points (2.0 semesters), or
(ii) honours – 96 credit points (2.0 semesters), or
(iii) graduate certificate – 48 credit points (1.0 semester) or
(iv) graduate diploma – 96 credit points (2.0 semesters).

**Professional doctorate awards**
Upon entry to these awards, students will normally gain credit on the basis of the following:

(i) Masters degree – 48 credit points (1.0 semester).

**Doctor of philosophy awards**
Upon entry to these awards, students will normally gain credit on the basis of the following:

(i) Masters degree – 48 credit points (1.0 semester).

Specific articulation and credit transfer arrangements between levels of awards in related fields on the basis of incomplete studies will normally be as follows:

**Masters degree awards**
Students admitted to a doctoral research award or a professional doctorate award but who either do not qualify to progress to the award or do not wish to proceed may on application be transferred to a masters degree award.

**Graduate diploma awards**
In specifically designed masters/graduate diploma awards, students may be granted a graduate diploma on the basis of the following:

(i) Masters degree by coursework – satisfactory completion of at least 96 credit points (2.0 semesters)

if they either do not qualify or do not wish to proceed to the higher level award.
APPENDIX 2: ELIGIBILITY FOR GRADUATION - LIMITS ON GRADES OF 3

FACULTY OF ARTS

Master of Arts 0
Master of Arts (Mass Communication) by coursework 0
Master of Fine Arts 0
Master of Social Science (Counselling) 1
Graduate Diploma of Arts (Film and Television Production/Journalism) 0
Graduate Certificate in Arts (Creative Writing) 0
Graduate Diploma in Social Science (Counselling) 1
Bachelor of Arts (Honours) (Dance, Drama, Visual Arts) 0
Bachelor of Arts (Honours) (Film and Television Production/Journalism/Media Studies) 0
Bachelor of Arts (Honours) (Humanities) 0
Bachelor of Arts (Communication Design) 3
Bachelor of Arts (Dance) 3
Bachelor of Arts (Drama) 3
Bachelor of Arts (Humanities) 3
Bachelor of Arts (Film and Television Production/Journalism/Media Studies) 3
Bachelor of Arts (Music) 3
Bachelor of Arts (Visual Arts) 3
Bachelor of Social Science 3
Bachelor of Social Science (Honours) (Psychology) 0
Bachelor of Social Science (Honours) (Sociology) 0
Associate Degree/Associate Diploma in Dance 1

Double Degrees - Limit of Grades of 3

Arts/Education

Limit of four grades of 3 across the combined award with a maximum of three grades of 3 in any one component (eg BA(Hum)/BEd: either Arts 3 + Ed 1, or Arts 1 + Ed 3, or Arts 2 + Ed2)

Bachelor of Arts (Dance)/Bachelor of Education
Bachelor of Arts (Drama)/Bachelor of Education
Bachelor of Arts (Humanities)/Bachelor of Education
Bachelor of Arts (Music)/Bachelor of Education
Bachelor of Arts (Visual Arts)/Bachelor of Education

Arts/Law

12.5% of each of the degree component course credit points (ie 12.5% of Arts component and 12.5% of Laws)

Bachelor of Arts (Humanities)/Bachelor of Laws
Bachelor of Arts (Journalism or Media Studies)/Bachelor of Laws

FACULTY OF BUILT ENVIRONMENT AND ENGINEERING

All courses – 12% of the total course credit points

FACULTY OF BUSINESS

Master of Business (BS92) 1
Master of Business (BS93) 1
Master of Business (BS88) 1
Master of Business (BS89) 1
Master of Commerce (BS94) 1
Master of Business Administration (GS80) 1
Master of Business Administration (GS81) 1
Graduate Diploma in Advanced Accounting (BS70) 1
Graduate Diploma in Communication (BS72) 1
Graduate Diploma in Industrial Relations (BS74) 1
Graduate Diploma in Business Administration (GS70) 1
Graduate Certificate in Management (BS30) 1
Bachelor of Business (Honours) (BS63) 3
Bachelor of Business (BS56) 3
Diploma of Business (BS40) 1

FACULTY OF EDUCATION

Doctor of Education 0
Master of Education 0
Master of Education (Research) 0
Master of Education (TESOL) 1
Graduate Diploma in Education (Computer Education) 1
Graduate Diploma in Education (Early Childhood) 1
Graduate Diploma in Education (Pre-service) 1
Graduate Diploma in Education (Educational Management) 1
Graduate Diploma in Education (Learning Support) 1
Graduate Diploma in Education (Teacher-Librarianship) 0
Graduate Certificate in Education 1
Graduate Certificate in Education (TESOL) 0
Bachelor of Education (Early Childhood) External 3
Bachelor of Early Childhood Studies 3
Bachelor of Education (In-service) 1
Bachelor of Education (Pre-service) 3
Bachelor of Teaching (Early Childhood, Primary) 3
Bachelor of Teaching (Child Care Upgrade) 3

FACULTY OF HEALTH

Graduate Diploma in Health Promotion 1
Bachelor of Applied Science (Home Economics) 3
All other courses – 12.5% of the total course credit points

FACULTY OF INFORMATION TECHNOLOGY

All courses – 12.5% of the total course credit points

FACULTY OF LAW

Doctor of Juridical Science 0
Master of Laws by coursework 0
Graduate Certificate in Law 0
All undergraduate courses – 12.5% of the total course credit points

FACULTY OF SCIENCE

All courses – 12.5% of the total course credit points

INTERFACULTY COURSES

Master of Public Policy 1
Master of Quality 1
Graduate Diploma in Quality 1
Double degree courses – 12.5% of each of the degree component course credit points
All other courses – 12.5% of each of the total course credit points
Double degrees in Education (with a maximum of three 3s in either the discipline or education component) 4
## Appendix 3: Exclusion – Designated Units

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>FACULTY OF ARTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bachelor of Arts (Dance)</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Arts (Visual Arts)</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Social Science (Human Services)</td>
</tr>
<tr>
<td></td>
<td>Associate Degree in Dance</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Music</td>
</tr>
</tbody>
</table>

### Bachelor of Arts (Dance)

- **AAB131** Ballet Technique 1 6
- **AAB132** Ballet Technique 2 6
- **AAB133** Ballet Technique 3 6
- **AAB134** Ballet Technique 4 6
- **AAB135** Contemporary Technique 1 6
- **AAB136** Contemporary Technique 2 6
- **AAB137** Contemporary Technique 3 6
- **AAB138** Contemporary Technique 4 6

*Bachelor of Arts (Dance) – Performance Strand only*

- **AAB184** Technique Options 1 8
- **AAX111** Repertoire & Practice Period 1 12
- **AAX112** Repertoire & Practice Period 2 12
- **AAX113** Repertoire & Practice Period 3 16
- **AAX114** Repertoire & Practice Period 4 16
- **AAX117** Ballet Technique 1 8
- **AAX118** Ballet Technique 2 8
- **AAX119** Ballet Technique 3 8
- **AAX120** Ballet Technique 4 8
- **AAX121** Contemporary Technique 1 8
- **AAX122** Contemporary Technique 2 8
- **AAX123** Contemporary Technique 3 8

### Bachelor of Arts (Drama)

- **AAB202** Acting 1 12
- **AAB203** Acting 2 12
- **AAB247** Acting 3 12
- **AAB248** Acting 4 12

### Bachelor of Music

- **AAB641** Principal Studies A 12
- **AAB642** Principal Studies B 12

### Bachelor of Health

- **NSB212** Clinical Practice 2
- **NSB222** Clinical Practice 3
- **NSB322** Clinical Practice 4
- **NSB323** Clinical Practice 5

### Bachelor of Arts (Visual Arts)

- **AAB740** Foundation Art Practice 1 24
- **AAB741** Foundation Art Practice 2 24
- **AAB742** Studio Art Practice 1 12
- **AAB743** Studio Art Practice 2 12

### Bachelor of Social Science (Human Services)

- **SSB026** Fieldwork Practice 1
- **SSB036** Fieldwork Practice 2

### Associate Degree in Dance

- **AAX111** Repertoire & Practice Period 1 12
- **AAX112** Repertoire & Practice Period 2 12
- **AAX113** Repertoire & Practice Period 3 16
- **AAX114** Repertoire & Practice Period 4 16
- **AAX117** Ballet Technique 1 8
- **AAX118** Ballet Technique 2 8
- **AAX119** Ballet Technique 3 8
- **AAX120** Ballet Technique 4 8
- **AAX121** Contemporary Technique 1 8
- **AAX122** Contemporary Technique 2 8
- **AAX123** Contemporary Technique 3 8
- **AAX124** Contemporary Technique 4 8

### Faculty of Health

- **NSB212** Clinical Practice 2
- **NSB222** Clinical Practice 3
- **NSB322** Clinical Practice 4
- **NSB323** Clinical Practice 5
A ‘replacement’ certificate is a replacement for a certificate issued originally by the Queensland University of Technology.

A ‘substitute’ certificate is a substitute for a certificate issued originally by antecedents of Queensland University of Technology (including Brisbane College of Advanced Education, Brisbane Kindergarten Teachers' College, Kedron Park Teachers’ College, Kelvin Grove Teachers’ College, Kelvin Grove College of Teacher Education, Kelvin Grove College of Advanced Education, North Brisbane College of Advanced Education, Queensland Institute of Technology, [Queensland] Teachers’ College and the [Queensland] Teachers’ Training College).

Substitute certificates will not be issued for certificates issued originally by the Queensland Department of Education or other bodies not currently associated with higher education.

FEES FOR REPLACEMENT OR SUBSTITUTION
Replacement certificates will be issued free of charge where the original was lost or damaged in transmission or was defective. A fee of $40 will be charged in all other cases.

A fee of $40 will be charged in respect of substitute certificates.

CONDITIONS OF REPLACEMENT OR SUBSTITUTION
Both replacement and substitute certificates will be issued subject to the following conditions:

- where the original certificate has been lost in transmission or subsequently, a statutory declaration is submitted to that effect
- where the original certificate was defective or has been damaged, the certificate is returned
- payment of the prescribed fee, where applicable.

FORM OF CERTIFICATES
All replacement and substitute certificates will be produced on QUT proforma, and, except where a replica is issued as a replacement, will be produced using the proforma current at the time of issue of the replacement or substitute, and incorporate the signatures of the incumbent Chancellor, Vice-Chancellor and Registrar.

The student’s name on the replacement and substitute certificates will be the same as on the original certificate. Certificates will not normally be re-issued on account of a change of name. In exceptional circumstances the Registrar may approve variations to the application of this policy.

ENDORSEMENTS
Replacement certificates
Replacement certificates will carry no endorsement where the original certificate can be replicated in every respect. The University cannot guarantee to provide replicas in every instance.

However, where there has been any change in the proforma itself, the Common Seal, or the signatories, and no stock of the original is available, a replacement certificate will be endorsed as follows:

‘This is a replacement for a certificate issued under the Common Seal on (day, month, year appearing on original certificate)(under the name of [name appearing on original certificate]).’

Substitute certificates
Substitute certificates will carry, as appropriate, one of the following endorsements in every case:

‘This is a substitute for a certificate, (number – if known), issued on (date, month, year, appearing on original certificate) by (institution), (under the name of [name appearing on original certificate]) which was incorporated into Queensland University of Technology on 1 May 1990.’

or

‘This is a substitute for a certificate issued on (date, month, year appearing on original certificate)(under the name of [name appearing on original certificate]) by Queensland Institute of Technology which became Queensland University of Technology on 1 January 1989.’
ACCESS TO ASSESSMENT RESULTS
The University is committed to a policy of openness with respect to the release of assessment results. Effective from the date of commencement of the Queensland Freedom of Information Act, QUT policy on access to assessment results and/or marks is as follows:

☐ For units where percentage marks are calculated, students may request and obtain their own final marks from nominated officers in the relevant Faculty.

☐ Faculty academic boards must make appropriate arrangements for students who request to peruse or to obtain a copy of 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.

☐ 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 PROVISIONS 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. Issues of validity, reliability and equity, together with ease of marketing, should be taken into account when adopting such alternatives.

<table>
<thead>
<tr>
<th>Variations</th>
<th>Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mode</strong></td>
<td>Brailed or audiotaped questions, viva voce testing, signing interpreter, etc.</td>
</tr>
<tr>
<td><strong>Questioning modality</strong></td>
<td>Oral rather than written answers – recorded on tape, viva voce, signing, etc.</td>
</tr>
<tr>
<td><strong>Response modality</strong></td>
<td>Extended period to answer examination, respite breaks during an examination, extra time to complete assignments, deferment without penalty, etc.</td>
</tr>
<tr>
<td><strong>Equipment</strong></td>
<td>Tape recorder, brailler, print magnifier, electric typewriter, special desk for wheelchair, adapted laboratory equipment, etc.</td>
</tr>
<tr>
<td><strong>Separate examination room</strong></td>
<td>Special equipment, personal assistance (to avoid disturbing others).</td>
</tr>
<tr>
<td><strong>Personal assistance</strong></td>
<td>Amanuensis, reader, interpreter, aide.</td>
</tr>
</tbody>
</table>

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.

CONFIDENTIALITY OF STUDENT RECORDS

The University is required to have on record a variety of factual information about students both for internal use in connection with its academic program and for the compilation of statistical reports to meet the requirements of such external bodies as the Department of Employment, Education, Training and Youth Affairs.

The Registrar is the official custodian of such records and is responsible to the Vice-Chancellor for their proper maintenance and control.

Information required by outside bodies is normally of a statistical nature and does not identify individual students, e.g. admission and enrolment statistics, OP Score distributions, age distributions, patterns of origin by school or residential district, full-time/part-time ratios, attrition rates etc. However, information held on individual students may include details of a personal nature which students may quite reasonably expect the University to maintain as confidential except for legitimate internal purposes - e.g. age, address, telephone number, title, medical information, references, etc. The University has no need for and will not maintain records relating to the religious or political affiliations and activities of students except insofar as such information may be voluntarily included in correspondence from the student or in references supplied by persons at the student’s request.

The University accepts that general principles of confidentiality and privacy should apply to the use or availability of its records on individual students. These imply that the University will not normally make available externally particular information on a student without specific authorisation by that student, unless it is legally required to do so. Exceptions to this policy will be restricted to situations in which the release of information is judged to be in the clear interest of the student, e.g. provision of a telephone number or address to a hospital when a relative has been involved in an accident.

Information from a student’s personal files will be available internally to faculties and individual staff members on the basis of a demonstrated need in connection with the academic program. Its release from the Student Administration office must be authorised by the Registrar acting within the spirit and intent of this policy, on the understanding that staff members using the information will also adhere to its intent.

In addition to being provided at regular intervals with information on academic performance, students shall be entitled to have access to their personal files which will contain forms, correspondence, results statements and any other items relating to each student. Access will be available only at Student Administration Offices and the student will be under supervision while perusing the file. The file may not be removed from the office. No student may have access to another student’s personal file, or to information from such a file or computer record.

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

It is the responsibility of the Registrar to provide a student with copies of his or her official University transcript on request for use at the student’s discretion, e.g. in connection with job applications or applications for admission to another educational institution, or to forward such transcripts when authorised in writing by the student to do so. Should the Registrar of another institution to which a student is seeking admission formally request a copy of the student’s academic record, its transmission will be assumed to be authorised by the student. Official University transcripts may only be provided to other individuals, employers or agencies outside the University upon the written authorisation or request of the student, addressed to the Registrar.

Staff members who are asked to provide references for students should refer to the fact that official transcripts are available only through Student Administration Offices, but inasmuch as they have been asked by the students to comment on general academic performance and other attributes they are clearly free to do so.

AWARDS WITH HONOURS

This policy does not deal with honours programs which are end-on to a bachelor degree course.
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.

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.

A degree with honours will not be registered for programs of less than four years’ duration.

Honours are presently awarded in the degree courses in Architecture, Engineering, Law and Optometry.

Faculty academic boards make recommendation to University Academic Board, supplying the following information:

☐ the level of academic achievement necessary to qualify for each grade of honours as per faculty criteria
☐ the actual results for each of the recommended candidates viz. the number of high distinctions, distinctions (or honours pre-1985), credits and passes
☐ the cumulative proportion of graduates represented in honours groups since the introduction of honours in the course and, for Engineering, cumulative percentages for each class of honours for civil, electrical and mechanical engineering graduates.

Student Administration Department will provide University Academic Board with the grade point average for each of the recommended candidates.

EQUAL OPPORTUNITY POLICY

The Council of the Queensland University of Technology 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 Missions 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; or political belief or activity
☐ 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), Queensland University of Technology 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 the University will:

- actively promote awareness and use of inclusive language and presentation by staff and students in all QUT documents and materials in all forms
- actively promote the use of inclusive texts and materials in all QUT teaching and presentations
- work towards the elimination of demeaning or discriminatory language use and visual representations at QUT
- take active steps to ensure all staff and students are aware of their responsibilities under the policy and take appropriate action to assist staff and students 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 QUT community by embracing the lifestyles, experiences and values of all groups of people.

**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 benefit of teaching, research and learning to the community.

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

**Responsibility**

Deans, Heads of Divisions and Chancellery are responsible for ensuring that their staff and, where applicable, students act in accordance with this policy.

**Information on Inclusive Language and Presentation**

In support of this policy, QUT has produced a guidebook to inclusive language and presentation. The guidebook contains examples and practical suggestions on how to be inclusive in communication and procedures for resolving complaints of demeaning or discriminatory language and presentation.

The guidebook is available from the Equity Section, Division of Administrative Services.

**SEXUAL AND GENDER-BASED HARASSMENT POLICY**

QUT has adopted a Policy on Equal Opportunity to reflect its commitment to equal opportunity and freedom from all forms of discrimination in education and employment, as determined by legislation or by Council.

QUT recognises the right of all students and staff to work and/or study in an environment free from sexual and gender-based harassment. Sexual harassment and discrimination on the basis of sex are unlawful and unacceptable within the University.

The University acknowledges its responsibility to ensure that staff, students and members of the university community are made aware of what constitutes unacceptable behaviour within the University and that all managers and supervisors are aware of their responsibility for ensuring the maintenance of proper standards of conduct within the University.

The University recognises also its responsibility to take prompt and effective action to deal with complaints of sexual and gender-based harassment and to ensure that all people involved in the complaint, including the complainant, the person complained about and witnesses are treated fairly.

The university will do everything in its power to ensure that people are not victimised in any way. It also recognises the responsibility of managers to take a pro-active role in dealing with any manifestations of sexual and gender-based harassment in accordance with this policy.

**What is harassment?**

Harassment is a form of discrimination. It is offensive social behaviour which occurs particularly in staff/student or employer/employee relationships where there is a relationship of power and/or authority of one person over another.

The University recognises however that the work or study environment may also be adversely affected by sexual or gender-based harassment by peers (student/student or employee/employee) and will not tolerate such behaviour. Similarly, the University will not tolerate harassment of staff by students nor harassment by staff or students of visitors or members of the public whilst engaged in University activities.

Behaviour that is regarded as harmless, trivial or a joke may constitute sexual or gender-based harassment, where personally offensive, humiliating or distressing to the recipient.
Sexual harassment
Sexual harassment is any form of offensive sexual attention that is uninvited and unwelcomed. It can be a single incident or a persistent pattern of unwelcomed behaviour and it should be noted that the distress can be the same whether the conduct is intentional or unintentional. Although a majority of complaints of sexual harassment come from women, sexual harassment is not confined to any gender or sexuality. Sexual harassment can range from subtle behaviour to explicit demands for sexual activity or even criminal assault and includes the following:

- inappropriate remarks with sexual connotations
- smutty sexual jokes
- the display of offensive material
- stares and leers or offensive hand or body gestures
- inappropriate posturing
- comments and questions about another person’s sexual conduct and/or private relationships
- persistent unwelcome invitations
- requests for sexual favours
- offensive written, telephone or electronic mail or other computer system communications
- unnecessary close physical proximity including persistently following a person
- unwelcome physical conduct such as brushing against or touching a person
- actual molestation
- sexual assault.

Gender-based harassment
Gender-based harassment is any conduct that is unwelcome because it denigrates a person on the basis of their gender. It can be a single incident or a persistent pattern of unwanted behaviour and constitutes unlawful discrimination if it can be shown that the person being harassed is being treated unfavourably on the basis of her or his sex. The term covers a range of behaviour which in its context amounts to harassment including:

- denigrating comments regarding a person’s gender
- the display of written or pictorial material that denigrates a person’s gender
- negative behaviours, for example bullying, intimidation or exclusion related to the gender of the recipient
- expressing stereotyping, that is, assumptions based on gender about an individual’s gender, group behaviour, values, culture or ability.

Information on harassment
QUT has procedures designed for dealing with complaints of sexual or gender-based harassment.

There is also a network of trained Sexual Harassment Contact Officers who can advise and assist people interested in making a complaint.

Information on the policy and procedures and/or the Sexual Harassment Contact Officers are available from the Equity Section.

Equity Coordinator
Room 0430
O Block Podium
Gardens Point Campus
Phone: 07 3864 2115

Equity Officer
Room 214
K Block
Kelvin Grove Campus
Phone: 07 3864 3652

POLICY ON RACIAL DISCRIMINATION AND HARASSMENT
QUT recognises the right of all students and staff to work and/or study in an environment free from all proscribed forms of discrimination and harassment, including racial discrimination and harassment.

QUT has adopted a Policy on Equal Opportunity (MOPP, A/8.4) to reflect its commitment to equal opportunity and freedom from all forms of discrimination in education and employment, as determined by legislation or by Council.

QUT is committed to protecting the rights of both students and staff to achieve their full potential in an environment which values cultural diversity and is free from racial discrimination or harassment. As such it aims to provide an environment in which positive actions are taken to:

- affirm and value cultural identity
- give due recognition to the history and experiences of the indigenous peoples of Australia particularly through the provision of information on Aboriginal and Torres Strait Islander culture and society in the curricula of courses within discipline areas where such information is relevant
- give due recognition to its culturally diverse community through the provision of information on diverse cultures and societies in the curricula of courses within discipline areas where such information is relevant
- develop cross-cultural awareness and the active participation of staff and students in establishing
a climate, within all University activities, conducive to the elimination of racial discrimination and harassment

- eliminate racial discrimination and harassment
- inform students and staff of their right to make complaints on the basis of racial discrimination and harassment, and to ensure complaints are dealt with promptly, seriously, fairly, and effectively
- alert staff, students, and organisational units to their responsibilities in regard to racial discrimination and harassment, and encourage them to take an active role in opposing racial discrimination and harassment
- Ensure supervisors are aware of their accountability for maintaining proper standards of conduct within their areas of responsibility
- ensure all polices and practices of the University and its organisational units take account of the aim to eliminate racial discrimination and harassment.

QUT acknowledges its responsibility to ensure that staff, students, and members of the University community are made aware of what constitutes unacceptable behaviour within the University and that all managers and supervisors are aware of their responsibility for ensuring the maintenance of proper standards of conduct within the University.

QUT recognises its responsibility to deal with racial discrimination and harassment and to take prompt and effective action to deal with complaints, and to do everything in its power to ensure that all people involved in a complaint, including the complainant, the person complained about (the respondent), and witnesses are treated fairly by the University and are not victimised in any way. It also recognises the responsibility of managers to take a proactive role in dealing with any manifestations of discrimination or harassment in accordance with this policy.

What is racial discrimination and harassment?

Any distinction, exclusion, restriction or preference within QUT’s study and work environment based upon race, colour, national or ethnic origin, descent, migrant status, ancestry, or nationality amounts to racial discrimination. Discrimination on the grounds of religion may in some circumstances constitute racial discrimination.

The University may however develop Affirmative Action Programs for specific groups of people in keeping with the University’s Policy on Equal Opportunity (MOPP, A/8.4). Affirmative Action Programs include strategies to provide increased opportunities for identified groups of people and to remove barriers to participation and progression in employment and education which are as a result of historical or existing disadvantage, harassment and discrimination. Affirmative Action Programs are therefore not included in a definition of racial discrimination and harassment.

Discrimination may be both direct and indirect. An example of direct racial discrimination would be denigrating the racial background of a student in a lecture. An example of indirect racial discrimination could be when examination timetables do not provide reasonable alternatives for clashes with religious holidays.

Discrimination includes discrimination on the basis of actual attributes (such as appearance, racial background or accent) and also includes discrimination on the basis of imputed or presumed attributes, such as unsubstantiated assumptions about a person’s racial background.

Harassment is a form of discrimination. It is offensive social behaviour. The University recognises that the work or study environment may be adversely affected by racial harassment in staff/student or employer/employee relationships and between peers (student/student or employee/employee), and it will not tolerate such behaviour. Similarly, the University will not tolerate harassment by or of staff or students with respect to any other person whilst engaged in University-related activities.

Behaviour that is regarded by some as harmless, trivial, or a joke may to others constitute racial harassment, when it is personally offensive, humiliating, or distressing to the recipient.

When used in this policy, the term “racially-based” means based upon attributes which may include race, colour, national or ethnic origin, descent, migrant status, ancestry, and nationality.

Racial discrimination and harassment may consist of a variety of behaviours and actions including, but not limited to the following examples:

- racially-based discrimination and harassment in access to services, education, or employment opportunities
- offensive racially-based comments, made in the course of lectures and class meetings or interviews
- racially-based derogatory name calling, insults, and offensive jokes
- written racially-based offensive comments by staff or students
- racially-based offensive comment in telephone or electronic mail or other computer system communications
racially-based offensive graffiti
distribution of racially-based offensive material
making racially-based threats against a person or group
display of racially-based offensive comment eg on clothing and badges
using University facilities to recruit students or staff to organisations or groups which advocate racial discrimination or harassment
advocating racial or religious hatred or inciting unlawful racial discrimination.

Information on racial discrimination and harassment
In support of this policy, QUT has put in place procedures for dealing with complaints of racial discrimination and harassment.

Information on racial discrimination and harassment and the complaints procedures is available from the Equity Section.

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. Supplementary assessment is provided only to students enrolled in undergraduate Bachelor degrees or graduate diplomas leading to the granting of an initial professional qualification.

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 final semester students to complete requirements for their qualification. A student may be granted a maximum of two supplementary assessments in any one course.

Faculty academic boards are responsible for determining eligibility for supplementary assessment at the time exam 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 in the following circumstances:
when a student receives a grade of 3 in a unit where a 4 is required for course completion.
when a student receives a grade of 2 in a unit where a 3 is required for course completion.
Supplementary assessment will not be granted in the following circumstances:
to students enrolled in designated units listed in Appendix 3 to the Student Rules
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.

The only grades that will be recorded following supplementary assessment are S3 (Pass Supplementary) and S2 (Fail Supplementary).
three
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- University Diploma in Information Technology (IT10)
- University Certificate in Health Studies (HL12)
- Foundation Programs
- Bridging Program
- General English
- English for Academic Purposes
- English for Business Purposes

Staff

Director: Mr David Stent
Head, University Entry Programs: Dr Alan Savige
Senior Program Educator, Foundation Programs: Ms Ann Poiner
Administration Officer, University Entry Programs: Mrs Barbara Hosegood
Director of Studies, English Language Programs: Drs Jaap Valkhoff
Coordinator, English Language Programs: Ms Jill Schiffmann
Admissions Officer, English Language Programs: Ms Monica McGrath

The College is an integral part of QUT. It provides programs primarily for international students from the Asia-Pacific region who seek to bridge their studies to higher education courses at QUT and other Australian universities. As part of QUT’s Division of Research and Advancement the College contributes to the internationalisation of QUT through the exposure of QUT students and staff to the Asia-Pacific region.

The College fulfils this mission through the provision of University Entry Programs and English Language Programs which prepare international students for undergraduate and postgraduate study at QUT.

Note: For rules relating to University Entry Programs, students should refer to their relevant Course Guide. The Guide is issued to commencing students during Orientation.

UNIVERSITY ENTRY PROGRAMS

Diploma Programs

Students entering diploma programs require an English Language score of at least IELTS 5.5 or equivalent. Academic entry requirements depend on the Country of Origin. Students who have an IELTS score of 5.5 are required to undertake a Parallel English Program of 4 hours per week. This support unit carries no credit points.

University Diploma in Business (BS40)

Location: Kelvin Grove campus
Course Duration: 2 semesters full-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Alan Savige

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSD110 Accounting</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>BSD112 Introduction to Electronic Commerce</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>BSD116 Marketing &amp; International Business</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>QCD100 Business English 1(^1)</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>

\(^1\) A grade of 4 is required in QCD100 Business English 1 to proceed to QCD200 Business English 2.
### Year 1 Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>BSD113</td>
<td>Economics</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>BSD114</td>
<td>Government, Business &amp; Society</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>BSD115</td>
<td>Management, People &amp; Organisations</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>QCD200</td>
<td>Business English 2</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>

### University Diploma in Information Technology (IT10)

**Location:** Kelvin Grove campus  
**Course Duration:** 2 semesters full-time  
**Total Credit Points:** 96  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Dr Alan Savige

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITD225 Introduction to Databases</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>ITD410 Software Development 1</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>ITD412 Technology of Information Systems</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>QCD100 Business English 1</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITD107 Programming Laboratory</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>ITD411 Software Development 2</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>ITD510 Communications Networks</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>QCD200 Business English 2</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>

### Certificate Program

The University Certificate in Health Studies prepares international students for entry to the Bachelor of Nursing (Postregistration) (NS48) course. Students undertaking the Certificate program receive credit towards their degree course for those units where they have gained at least a grade of 4 (Pass).

Students entering the Certificate course must have an IELTS score, or equivalent, of 6.0. All students are required to undertake a Parallel English Program (PEP) for up to 4 hours per week. There are no credit points for this unit.

Students must complete one semester in the University Certificate in Health Studies before progressing to the Bachelor of Nursing (Postregistration) NS48. A minimum grade of 4 (Pass) in Language and Learning in Nursing 3 (QCX101) is required to advance to NS48.

### University Certificate in Health Studies (HL12)

**Location:** QUT Kelvin Grove campus  
**Course Duration:** 1 Semester full-time  
**Total Credit Points:** 48  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Dr Alan Savige

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NSX113 Values Culture &amp; Nursing</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSX101 Introduction to Psychology &amp; Health Care</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSX982 Introduction to Social Science &amp; Health Care</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>QCX101 Communication for Nursing</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>

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1 A grade of 4 is required in QCD100 Business English 1 to proceed to QCD200 Business English 2.  
2 A grade of 4 is required in ITD410 Software Development 1 to proceed to ITD411 Software Development 2 or ITD107 Programming Laboratory.
Foundation Programs

Programs are available to prepare international students for most undergraduate courses. They provide students who do not meet degree entry requirements with an opportunity to become eligible for entry into QUT faculties. A minimum English language score equivalent to IELTS 5.5 is required for entry.

There are three teaching periods each year, two 13 week semesters and a 12 week Summer Program. Students are required to complete one or two semesters depending on their English language level and academic results.

Those Foundation students who reach the required results for entry to a degree course, as specified by the relevant Faculty, will be guaranteed a place in the degree program for which they have applied.

Contact Hours/ Wk

*Foundation (Preparatory) Semester 1*

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>24</td>
</tr>
<tr>
<td>Built Environment &amp; Engineering</td>
<td>24</td>
</tr>
<tr>
<td>Business</td>
<td>24</td>
</tr>
<tr>
<td>Education</td>
<td>24</td>
</tr>
<tr>
<td>Health</td>
<td>24</td>
</tr>
<tr>
<td>Information Technology</td>
<td>24</td>
</tr>
<tr>
<td>Law</td>
<td>22</td>
</tr>
<tr>
<td>Science</td>
<td>24</td>
</tr>
</tbody>
</table>

*Foundation (Final) Semester 2*

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>25</td>
</tr>
<tr>
<td>Built Environment &amp; Engineering</td>
<td>25</td>
</tr>
<tr>
<td>Business</td>
<td>25</td>
</tr>
<tr>
<td>Education</td>
<td>25</td>
</tr>
<tr>
<td>Health</td>
<td>25</td>
</tr>
<tr>
<td>Information Technology</td>
<td>25</td>
</tr>
<tr>
<td>Law</td>
<td>25</td>
</tr>
<tr>
<td>Science</td>
<td>25</td>
</tr>
</tbody>
</table>

A number of the following subjects are incorporated in individual Foundation Programs:

- APF002 Applied Psychology
- ASF001 Australian Studies 1
- ASF002 Australian Studies 2
- AYF001 Accounting 1
- AYF002 Accounting 2
- CHF002 Chemistry
- CMF001 Communication 1
- CMF002 Communication 2
- COF001 Computing 1
- COF002 Computing 2
- ECF001 Economics 1
- ECF002 Economics 2
- IPF002 Information Processing
- ISF001 Introduction to Science
- LSF002 Life Science
- LWF002 Law
- MAF001 Mathematics
- MAF002 Advanced Mathematics
- MBF002 Business Mathematics
- PHF002 Physics
- CXF001 Communication Extension
Bridging Program

This one semester program is designed for students who plan to study at QUT or at another tertiary institution in an undergraduate or postgraduate program and who may already meet minimum academic admission criteria for their selected course and have a minimum English score equivalent to IELTS 6.0. Students may need prerequisite subjects for entry to their QUT award course, or may wish to benefit from undertaking one semester of study in Australia prior to doing an award course.

Students are usually able to take 1 or 2 units (depending on IELTS level) for credit towards their award course whilst in the Bridging Program.

The program consists of the following subjects taken over the duration of the university semester commencing in March or July of each year.

Contact Hrs/ Wk

First Semester
- BAC001 Academic Communication 6
- BAP001 Australian Perspectives 4
- BCO001 Computing 4
- CXB001 Communication Extension 1

English Language Programs

English for Academic Purposes (EAP)
Foundation and Diploma Plus
The English for Academic Purposes and Foundation Plus/Diploma Plus courses are offered in twelve week sessions and cater for students who are about to commence degree courses and University Entry Programs at QUT.

The EAP and Foundation/Diploma Plus courses aim to develop specific study and language skills in English needed to undertake academic study successfully.

Students can enter the EAP and Foundation/Diploma Plus courses on passing the entrance test. A conditional offer of acceptance from QUT is normally required.

QUT accepts the English Language Programs internal assessment in place of IELTS tests.

On successful completion of the internal assessment eligible students have guaranteed entry into QUT degree courses and University Entry Programs.

There are also special classes for students who want an introductory course of Academic English.

General English (GE)

General English classes are offered in four week sessions. Courses cater for students at all levels of English language from elementary to intermediate and advanced levels.

English for Business (EFB)

The English for Business course is offered in four week sessions and helps students develop their English in business communication. The course caters for a wide variety of students who need to be able to use English for work or business studies. The course includes a TOEIC component.

Further Information

English Language Programs
Facsimile: +61 7 3864 3085

University Entry Programs
Telephone: +61 7 3864 5914
Facsimile: +61 7 3864 5910
Doctor of Philosophy (IF49)

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 section sets out the Regulations governing the award of the degree of PhD.
1.3 The Council’s power to approve arrangements for the registration and examination of candidates for the degree of PhD is exercised through a Research Degrees Committee, which shall be a subcommittee of Research Management Committee. In exercising this power, the Research Degrees Committee shall be advised by faculty academic boards, deans of faculty and heads of school, as appropriate.
1.4 In order to qualify for the award of the degree of PhD, a candidate must submit to the Research Degrees Committee:
- a certificate of satisfactory completion of the candidate’s approved course of study signed by the Principal Supervisor
- a declaration signed by the candidate that he or she has not been a candidate for another tertiary award without permission of the Research Management Committee
- a certificate recommending acceptance of the thesis in fulfilment of the conditions for the award of the PhD degree signed by each member of the faculty panel that recommended examination of the thesis and the Examination Committee which accepted it.
- an application for conferral of the degree, and
- four copies of the thesis in the required format.

2. Admission and Enrolment
2.1.1 A candidate may enrol either as a full-time or as a part-time student (see also Section 4). To be enrolled 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.
2.1.2 A candidate who is unable to devote to the course the proportion of time specified in Section 2.1.1 may enrol as a part-time student.
2.1.3 A candidate’s program of research or other approved investigation may be based at a place of employment or a sponsoring institution (see Section 7). Normally, support of the sponsoring establishment for the candidate’s application is required for enrolment.
2.1.4 A sponsoring establishment is required to certify annually by 31 December that all enrolled PhD candidates sponsored by that organisation are actively engaged in their course of study, and are maintaining frequent contact with their local supervisor.
2.2 To gain admission into a course of study leading to the award of a Doctor of Philosophy, a candidate normally shall hold a relevant first class or second class division A honours degree or an appropriate master degree (by coursework or by thesis) of QUT or of another recognised institution.
2.3 Before accepting an application for admission, the Research Degrees Committee must satisfy itself that the candidate has sufficient command of English to complete satisfactorily the proposed course of study, to pass an oral examination in English as described in Section 9.2, and to prepare a thesis in English.

2.4 Without the specific permission of the Research Degrees Committee, students may not be enrolled as candidates for a PhD degree if they are enrolled candidates for another tertiary award.

2.5 The Research Degrees Committee may cancel a candidate’s enrolment, after consulting the relevant dean, supervisors and having taken account of all relevant circumstances and having given the candidate opportunity to show cause why it should not do so:

- 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 (see Regulation 4), or
- if the quality and progress of research gives no reasonable expectation of successful completion of the degree, or
- if the candidates grade point average in coursework undertaken is below 5.00 on a scale of seven.

2.6 A student 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 his/her previous investigation, may be re-admitted under such conditions as the Research Degrees Committee shall prescribe.

2.7 An application for admission shall be made on the prescribed application form and shall involve a two stage process:

Stage 1 shall include:
- personal data
- academic record and details of relevant professional and research experience
- the proposed field of study
- the centre/research concentration area in which the research is to be undertaken

and may be approved by the relevant faculty committee, at which time the student will be conditionally admitted to the program.

Stage 2 of the application must normally be completed within three months of conditional admission (up to five months for part-time students and up to six months for international students) and shall include:
- the proposed title of thesis
- a brief outline of proposed research, including a brief background to the research
- a brief description of intended research methods and required equipment and consumables
- a timeline for the proposed research.

If Stage 2 of the enrolment process is not completed, the Research Degrees Committee may, on advice from the supervisor and head of school, terminate the candidature or, in exceptional cases, grant an extension of time of not more than three months in which the conditions of Stage 2 shall be met.

Research Degrees Committee reserves the right to call for referee reports where considered necessary to enable a decision on admission to be made.

2.8 The Faculty shall advise the Research Degrees Committee:
- whether the applicant meets the prescribed criteria for enrolment (see Regulations 2.2, 2.3, 2.4), or if deficiencies exist, what they are and whether and how they can be remedied
- whether the applicant’s proposed topic of research is consistent with the aims and objectives of the centre/research concentration area
- whether the centre/research concentration area is willing and able to provide the accommodation, facilities and resources required for the proposed study
- of the names and academic details of a Principal Supervisor and Associate Supervisor(s) (Regulation 6).

2.9 Research Degrees Committee shall recommend that:
- the applicant be admitted to PhD candidature, in which case it shall appoint supervisors; or
the applicant be admitted to master candidature with the option of later applying to upgrade to PhD candidature (see Regulation 5); or
the applicant be not admitted,
and may set conditions on offer of admission including date of admission.

2.10 On admission, the candidate shall develop, in consultation with his/her supervisors, and provide to the Research Degrees Committee, a realistic and clear statement of objectives, which may be coursework, projects or research, which will constitute the basis of a full course of study (see Regulation 3).

2.11 Normally, within twelve months of admission (or eighteen months for part-time candidates), the candidate shall develop, in consultation with his/her supervisors, a full course of study (see Regulation 3), which shall incorporate work done to this point and shall be able to demonstrate a research capacity.

2.12 The faculty shall review the candidate’s progress and full course of study and shall submit to the Research Degrees Committee an Application for Confirmation of Candidature consisting of:
- appraisal of the candidate’s progress and suitability for continuation in the PhD program
- the full course of study
- a statement that the course of study 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 area.

2.13 Research Degrees Committee may require changes to the full course of study, and shall:
- confirm the candidature
  - if the recommendation of the faculty is not to confirm the candidature immediately, grant an extension of up to three months in which confirmation of candidature must be undertaken. A further extension up to a maximum of three months may be granted only in exceptional circumstances.

Where an extension of time has been approved, the candidate must be advised of the conditions to be met for confirmation of candidature in the form of clear written guidelines on the work to be completed and due dates for submission of materials. The conditions should be endorsed by the student, supervisor(s), director of centre and the head of school or the dean as appropriate; or after giving the candidate opportunity to show cause why such action should not be taken:
- terminate the candidature with an offer of admission to candidature for the degree of master, or
- terminate the candidature with no such offer.

2.14 Candidature shall have commenced on the date of admission, or at some later date as determined by the Research Degrees Committee.

2.15 It is the faculty’s responsibility to enrol the candidate in the appropriate centre/research concentration. Once the candidate is enrolled, he/she cannot transfer to another centre/research concentration without faculty endorsement 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
- the candidate asks to be transferred with supportable justification.

3. Course of study

3.1 A candidate for the degree of Doctor of Philosophy is required to complete successfully a course of study which results in a substantial contribution to knowledge. This contribution may be in the form of new knowledge, or of significant and original adaptation, application and interpretation of existing knowledge.

3.2 The course of study normally will include:
- 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

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 display sustained independent effort.
3.3 Coursework at doctoral 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 students present critical studies of selected problems within the subject field
- as independent study or reading courses, or
- as research projects conducted under faculty supervision.

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.

3.4 Coursework will occupy not more than one third of the total period of candidature (see Section 4).

3.5 A full and systematic description of the candidate’s proposed course of study shall be included in an Application for Confirmation of Candidature (see Regulation 2.12). The description should include the area of study within which the candidate’s course lies, the coursework to be undertaken, the nature of participation in scholarly activities of the centre, school or faculty in which the study is being undertaken, the objectives of the proposed program of research and investigation, its relationship to previous work in the same field, the research methods to be followed, and the proposed title of the thesis to be written.

3.6 A candidate is normally expected to pursue the approved program of research and investigation throughout the period of candidature. Where circumstances make modification or extension of the program desirable, approval for the proposed change must be sought in writing from the Research Degrees Committee. Permission to maintain the candidature may be given by the Committee in such circumstances, provided that the course of study remains in the same field.

3.7 Where a candidate’s approved program of research and investigation forms part of a group project, the application must indicate clearly the individual contribution expected to be made by the candidate, and the extent to which the work is to be carried out in collaboration with others (see also Section 8.4).

3.8 Where an approved program of research and investigation is carried out jointly in QUT and in an industrial, commercial, professional or research establishment, the nature of the work to be carried out in each need not be prescribed in detail initially, but a clear indication must be provided of the way in which the work that the candidate is likely to undertake in the collaborating establishment relates to work to be undertaken at QUT or elsewhere.

3.9 In appropriate cases, the Research Degrees Committee may approve a course of study leading to the presentation of a thesis accompanied by material in other than written form, or exceptionally, in lieu of a research program, a program of scholarly postgraduate work concerned with significant aspects of industrial, commercial or professional activity. Such approval must be sought from the Research Degrees Committee at the time of application for admission or when approval to modify the course of study is sought. At the same time, arrangements for the examination of such candidates should be proposed for approval by the Research Degrees Committee, including details of the form which the candidate’s presentation is expected to take.

4. Period of Time for Completion of Course of Study

4.1 A full-time candidate who does not hold a master degree appropriate to the course of study will normally be required to complete a period of candidature of at least thirty months before submitting the thesis for examination. The corresponding period in the case of a part-time candidate shall be forty-two months. In special cases the Research Degrees Committee may approve a shorter period.

4.2 A holder of a research master degree appropriate to the course of study may submit the thesis for examination after not less than twenty-four months of admission if a full-time student, or thirty-six months if a part-time student. In special cases the Research Degrees Committee may approve a shorter period.

4.3 Without the permission of the Research Degrees Committee, no full-time candidate for the degree of PhD shall submit a thesis for examination more than forty-eight months from the date on which admission in the program was granted. The corresponding period in the case of a part-time candidate shall be sixty months.
4.4 Where a candidate wishes to change from full-time to part-time or vice versa, application must be made in writing to the Research Degrees Committee. All such applications must specify the revised date of expected completion.

4.5 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 Research Degrees 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, it may set a limit to the maximum period of candidature in the PhD program.

4.6 It is the candidate’s responsibility to remain enrolled from the date of commencement until the thesis is submitted to the Research Student’s Section of the Office of Research for examination. A candidate may, with the support of the supervisor(s), seek permission from the Research Degrees Committee to take leave of absence for a specified period. If approval for this leave of absence is granted, the duration of the specified period will be added to the minimum and maximum duration of the candidate’s registration.

5. Transfer of Candidature

5.1 A candidate enrolled for a master degree or a professional doctorate may apply for transfer to PhD candidature. An application will normally be approved only when the candidate is able to satisfy the requirements for confirmation of PhD candidature (see Regulations 2.11 and 2.12). Where coursework has been undertaken as part of the master degree or professional doctorate, a transfer normally may be approved only if the candidate has attained a grade point average of at least 5.00 on a seven point scale. Master qualifying candidates must have confirmed master candidature before applying for transfer to PhD candidature.

5.2 A candidate for a master or PhD degree at another recognised institution may apply for transfer to a PhD program at QUT if the requirements for confirmation of PhD candidature can be satisfied.

5.3 Intending applicants for transfer shall develop, in consultation with their existing or preferred supervisors as appropriate, a full course of study (see Regulation 3).

5.4 Applications shall be made on the prescribed form to the Research Degrees Committee and shall consist of required administrative details, reasons for transfer and a full course of study. The faculty shall first review the candidate’s progress and full course of study 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
- appraisal of the candidate’s progress and suitability for transfer of candidature and confirmation of PhD candidature
- the supervisors and their credentials
- whether the proposed research is within the aims and objectives and physical and human resources of the centre/research concentration area.

5.5 Research Degrees Committee may require changes to the full course of study and shall:

- approve the transfer of candidature, normally confirming PhD candidature, and determine the amount of credit to be allowed and the date of admission; or
- not approve the transfer.

5.6 The periods of minimum and maximum time for presentation of the thesis shall be extended by eight months for candidates who were admitted to a master degree from a pass degree.

5.7 A candidate enrolled for the degree of PhD who is unable to complete the approved course of study may apply for transfer to an appropriate master degree.

6. Supervision

6.1 Normally two supervisors shall be appointed for each PhD candidate.

6.2 One supervisor shall be the Principal Supervisor, with responsibility for supervising the candidate on a frequent basis. The Principal Supervisor shall be a member of QUT staff. An Emeritus Professor of the University and staff appointed to Research Centres may be nominated as Principal Supervisor of a PhD candidate. A Principal Supervisor normally shall have undertaken the successful supervision of research
degree candidates. Where a Principal Supervisor is proposed who has not undertaken such supervision, an associate supervisor (see Section 6.3) should have had such experience. Normally the Principal Supervisor shall hold a PhD degree or have an established research record in the areas of the proposed project.

6.3 An associate supervisor may be appointed either from QUT or from elsewhere. Where appropriate, more than one associate supervisor may be appointed. The Research Management Committee may approve the appointment as associate supervisor of a person without experience sufficient to satisfy appointment as a Principal Supervisor. Where collaboration has been arranged between QUT and another organisation, the latter is expected to recommend to the Committee a member of its staff as an associate supervisor.

6.4 The Research Degrees Committee must be satisfied regarding the qualifications and experience of all proposed supervisors.

6.5 The Principal Supervisor and candidate are required to report at six-monthly intervals on the prescribed form to the Research Degrees Committee on the candidate’s progress and research plans. Both reports shall be signed by both the candidate and supervisor and submitted through the head of school and the director of the Centre or Research Concentration.

6.6 Faculties may develop internal policies and procedures for six-monthly review of candidate’s progress and may provide to the Research Degrees Committee reports and recommendations in addition to those of the candidate and supervisor.

6.7 The Research Degrees Committee shall:
- where the candidate’s performance is deemed satisfactory, approve continuation of the candidate; or
- where the candidate’s performance is deemed unsatisfactory
  - determine requirements to be placed on the student or such other action which it deems necessary to remedy the unsatisfactory situation, or
  - cancel a candidate’s enrolment (see Regulation 2.5)
and shall advise the candidate and Principal Supervisor in writing of any such decisions.

6.8 In the six-monthly report following a report of progress deemed unsatisfactory by the Research Degrees Committee, the candidate and Principal Supervisor shall comment on progress on any specified remedial action.

6.9 When a candidate’s progress has been unsatisfactory to the Research Degrees Committee in any two consecutive six-monthly reports during the candidature, the Research Degrees Committee shall normally cancel the enrolment of the candidate (see Regulation 2.5).

7. Place and Conditions of Work
7.1 The research program must normally be carried out under supervision in a suitable environment in Australia.

7.2 The Research Degrees Committee must be satisfied that arrangements as set out in these regulations regarding coursework, participation in scholarly activities, supervision, facilities and training in research methods may be made for the candidate, and that accommodation, equipment and access to library and computing facilities meet the needs of the approved course of study.

8. Thesis
8.1 The thesis must be presented in accordance with the requirements of the Council, including any accompanying declarations (see Section 1).

8.2 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 the time of application for admission, and will not be granted solely on the grounds that the candidate’s ability to satisfy the Examination Committee will be affected adversely by the requirement to present the thesis in English.

8.3 The thesis must include a statement of the objectives of the investigation, and must acknowledge published or other sources of information, together with any substantial financial assistance received.

8.4 Where a candidate’s research program forms part of a collaborative group project, the thesis must indicate clearly the candidate’s individual contribution and the extent to which co-workers contributed to the candidate’s program.
8.5 Subject to QUTs 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 Research Degrees Committee when the thesis is submitted. The period normally shall not exceed two years from the date on which the Examination Committee recommends acceptance of the thesis, during which time the thesis will be held on restricted access in the QUT library.

9. Examinations

9.1 Any fees payable in relation to the examination of a candidate shall be determined by the Council.

9.2 In order to determine whether the thesis is acceptable for examination by the Examination Committee, and subject to the provisions of Section 9.3, the candidate shall be examined orally by the faculty to which he/she is attached. The examination will be based on:

- the work described in the thesis, and
- the field of study in which the investigation lies.

The faculty shall advertise or otherwise arrange for the oral examination which should be attended by all available members of the Examination Committee. The examination shall be conducted by a panel of three nominated by the faculty and chaired by the Principal Supervisor.

Fourteen days prior to the date of the oral examination, sufficient copies of the thesis, bound in temporary cover, must be presented to the Chairperson of the faculty examining panel so as to provide a copy for each member of the panel and each attending member of the Examination Committee. The faculty examining panel shall use the prescribed form when advising the faculty, the Research Degrees Committee and the Research Management Committee that the thesis meets with their approval.

9.3 Where for good and sufficient reasons the Research Degrees Committee is satisfied that a candidate would be seriously disadvantaged if required to undergo an oral examination, an alternative form of examination may be approved. Such approval shall not be given solely on the grounds that the candidate’s knowledge of the English language is inadequate (see Section 2.3).

9.4 The thesis shall normally be examined by an Examination Committee comprising at least two external examiners and not more than one internal examiner. The internal examiner normally shall chair the Committee. If there is no internal examiner, then the Research Degrees Committee shall appoint a chairperson.

9.5 Subject to agreement between supervisors and not later than six months before the proposed date for the submission of the thesis, the Principal Supervisor is required to recommend to the Research Degrees Committee the composition of a proposed Examination Committee, together with the title of the candidate’s thesis.

9.6 Four copies of the thesis in the required format must be presented to the Research Degrees Committee together with certification that the approved course of study has been completed and the thesis accepted by the faculty to which the candidate is attached (see Section 9.2). Receipt of the thesis by the Research Students Section shall constitute the submission of the candidate’s thesis for examination.

9.7 The candidate’s Principal Supervisor shall forward arrangements for examination of the thesis through the faculty to the Research Degrees Committee for approval.

9.8 In exceptional circumstances, the Research Degrees Committee may act directly to make suitable arrangements for the examination of a candidate, including the selection of examiners.

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

9.10 The external examiners must be independent of both QUT and the sponsoring establishment, if any.

9.11 External examiners should normally have substantial research experience in the area under investigation and be internationally recognised in the relevant field. It is recommended that at least one of the nominated examiners is from an overseas university or equivalent research institution, although all of the examiners may be from Australian institutions provided they are recognised as international experts in the relevant field of research. At least one external examiner must also have had experience of examining research degree candidates at the doctoral level.
9.12 The internal examiner, if any, may not be an associate supervisor. However, an associate supervisor may be Chair of the Examination Committee.

9.13 The internal examiner must have experience of research in the general field under investigation and, where practicable, should have specialist knowledge of the area in which the investigation was conducted.

9.14 The Research Degrees Committee shall provide the examiners with a copy of the thesis and of the Council’s PhD Regulations, and with any other relevant information.

9.15 When the examiners are in agreement with respect to the thesis, the Chairperson shall transmit the result of the examination on the prescribed form to the Chairperson of the Research Degrees Committee. The examiners’ report shall recommend:

(i) that the degree be awarded, with or without minor modifications to the thesis, or
(ii) that the candidate be re-examined, or
(iii) that the degree not be awarded.

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.

When the recommendation is that the degree be awarded, the Chairperson must return an Examiners’ Report together with a certificate signed by each examiner recommending acceptance of the thesis in fulfilment of the conditions for the award of the PhD degree. A copy of the thesis, together with the certification by the faculty examiners and the Examination Committee will then be lodged in the QUT library. A copy will be sent at the same time to the sponsoring establishment, if any.

9.16 If the examiners cannot reach agreement, they shall submit separate reports and recommendations to the Research Degrees Committee. In cases where the examiners’ reports differ, the Research Degrees Committee may request that the Chair of Examiners give expert opinion, in consultation with the other examiners, on any matter referred to them by the Committee in relation to a dispute, and to the extra work the candidate may be required to undertake. The Research Degrees Committee may then:

(i) not award the degree, or
(ii) accept a majority recommendation with or without the advice of a further external examiner.

9.17 A candidate who fails to satisfy the Research Degrees Committee at the first attempt may, on the recommendation of the examiners and with the approval of the Research Degrees Committee, be re-examined not more than once. Application must be made to the Research Degrees Committee for approval of the re-examination arrangements.

9.18 Re-examination shall take place within twelve months from the date on which the candidate is advised in writing of such re-examination. The Research Degrees Committee may, on application by the candidate and supported by the Principal Supervisor, approve an extension of this period.

9.19 The examiners must give the candidate guidance on the deficiencies identified by the first examination.

9.20 The Research Degrees Committee may require that an additional external examiner be appointed for the re-examination.

9.21 Regulations applicable to examinations generally shall apply to the re-examination.

9.22 The examiners may recommend that a candidate who has been examined for the degree of PhD be awarded the degree of Master, provided that the candidate meets or can meet the requirements of a Masters program.

9.23 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.

10. Appeals

10.1 A student who has been awarded a fail grade, or who is not permitted to resubmit the thesis for examination may lodge an appeal against the evaluation of their candidature.

10.2 Appeals should be submitted to the Office of The Pro-Vice-Chancellor (Research and Advancement). The Pro-Vice-Chancellor (Research and Advancement) will determine whether a potential conflict of interest exists in relation to his/her consideration of the appeal.
10.3 In cases where a conflict of interest exists, the Pro-Vice-Chancellor (Research and Advancement) will appoint a member of academic staff, with expertise in research student supervision, to consider the appeal.

10.4 The Pro-Vice-Chancellor (Research and Advancement), or appointee, will decide whether a case exists and may seek the advice of the relevant faculty, school or centre as appropriate.

10.5 The grounds for appeal may be on procedural matters only, e.g. procedural irregularities in the conduct of the examination or documented evidence of prejudice or bias by one or more of the examiners.

10.6 An appeal must be made within fourteen (14) days of the date of written advice of the ruling. The appeal must include the specific grounds on which the appeal is based.

10.7 The outcome of the appeal may result in no change to the ruling, or either a more favourable or a less favourable outcome for the appellant. If an appeal is upheld the Pro-Vice-Chancellor (Research and Advancement) or appointee cannot recommend that the degree be awarded but may recommend to the Research Degrees Committee that:

- the thesis be re-examined, either by the same panel or an extended panel, or
- further specified work be undertaken by the candidate and the revised thesis resubmitted and examined,
- or
- such other remedy as appropriate.

10.8 The Pro-Vice-Chancellor (Research and Advancement), or appointee will make a determination on the appeal as soon as practicable and will advise appellants of the result of their appeal.

■ Master of Applied Science (Research)

Students wishing to enrol in a Master of Applied Science (Research) should contact the relevant Faculty. General course rules follow.

Introduction

The objectives of the course are:

- to provide postgraduate educational opportunities in specialised fields of applied science and information technology by means of a program which involves either an original contribution to knowledge or an original application of existing knowledge
- to provide further education in research methods
- to enable graduates employed in industry to undertake further education by research and thesis
- to enable industrial organisations and other external agencies to sponsor a student research program under the control and supervision of the Faculty
- to further relationships between the University and industry or other external agencies engaged in applied science, to their mutual advantage.

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 Academic Committee.

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 biannually 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 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 or she has not been a candidate
for another tertiary award without permission of the academic board.

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 (Research) shall be:
☐ possession of a Bachelor degree in Information Technology, Health Science, Applied Science or other
 approved degree 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. 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.
2.7 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 registration.
2.8 A candidate shall be registered initially as:
☐ a graduate student (provisional), or
☐ a graduate student.
A graduate student (provisional) becomes a graduate student when registration is confirmed. Applicants
 not holding an appropriate Honours degree, or its equivalent, shall normally be given provisional registration.
2.9 A candidate shall receive confirmed registration as a graduate student when he or she:
☐ has satisfied the requirements for admission and achieved, by work and study, a standard recognised by
 the academic board, or
☐ has been accepted for provisional registration in the Faculty and has achieved, by subsequent work and
 study, a standard recognised by the academic board
☐ has satisfied the academic board that he or she is a fit person to undertake the program
☐ has satisfied the academic board that he or she can devote sufficient time to the research and study.
2.10 The academic board may cancel a candidates registration if:
☐ after consulting a candidate’s supervisors and having taken account of all relevant circumstances, the
 academic board is of the opinion that the candidate either has effectively discontinued his or her studies
 or has no reasonable expectation of completing the course of study within the maximum time allowed
 (see Section 4).
2.11 A candidate whose registration has lapsed or has been cancelled, and who wishes subsequently to re-enter the course to undertake a research 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 A candidate may be required by the academic board to undertake an appropriate course of study concurrently with the research program.

The course of study normally will include:

☐ 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.

3.4 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 students present critical studies of selected problems within the subject field
☐ as independent study or reading courses, or
☐ as research projects conducted under Faculty supervision.

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.

3.5 Coursework will occupy not more than half of the total period of registration.

3.6 An application for registration should set out systematically and fully the candidates intended course of study. The description should include the area of study within which the candidates course lies, 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.

4. Period of Time for Completion of Course of Study

4.1 A full-time graduate student (provisional) shall not be eligible for confirmation of registration as a graduate student until a period of at least 12 months has elapsed from initial registration. The corresponding period in the case of a part-time student shall be at least 24 months.

4.2 A registered graduate student shall present the thesis for examination after a period of at least one year for a full-time student or two years for a part-time student has elapsed from the time of confirmed registration, except in the case of special permission granted under 4.4. In special cases the academic board may approve a shorter period.

4.3 A registered graduate student shall present the thesis for examination no later than two years if a full-time student or four years if a part-time student from the date of confirmed registration.

4.4 A registered graduate student who holds an Honours degree appropriate to the course of study may submit the thesis for examination after not less than one year of registration if a full-time student, or two years if a part-time student. In special cases the academic board may approve a shorter period.

4.5 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 course 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. Supervision

5.1 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 others as associate supervisors.

5.2 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.

5.3 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.

5.4 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 student’s work. This report shall be seen by the student before submission to the academic board.

6. Place and Conditions of Work

6.1 The research program must normally be carried out under supervision in a suitable environment in Australia.

6.2 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 and/or Director of Centre in which the study is proposed that, in his or her 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/Department is willing to undertake the responsibility of supervising the applicant’s work.

6.3 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 he or she is willing to accept responsibility for supervising the applicant’s work, and

☐ a statement from the Head of School or Director of Centre in which the study is proposed that, in his or her 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/Department 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 the provisions of the document Requirements for Presenting Theses.

7.2 Not later than six months after confirmed registration the candidate shall submit the title of the thesis for approval by the academic board. After approval has been granted, no change shall be made except with the permission of the academic board.

7.3 The candidate shall give two months notice of intention to submit the thesis. Such notice shall be accompanied by the appropriate fee, if any.

7.4 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 candidate’s own account of the work. Where work is carried out conjointly with other persons, the academic board 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 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.

7.5 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 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 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 Research Management 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.

8. Examination of Thesis

8.1 The academic board shall appoint at least two examiners of whom at least one shall be from outside the University.

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 satisfactory reports from the examiners, and when the provisions of Section 7.1 have been fulfilled, the academic board shall recommend to Academic Committee that the candidate be awarded the degree.

8.5 If the examiners reports are conflicting, the academic board may, after appropriate consultation with the Principal Supervisor:

☐ seek advice from a further external examiner, or
☐ not award the degree.

8.6 If, on the basis of the examiners reports, the academic board does not recommend that the degree be awarded then it shall:

☐ permit the candidate to resubmit the thesis within one year for re-examination, or
☐ cancel the candidate’s registration.

Master of Public Policy (IF64)

Location: Gardens Point campus (elective units may be offered on other campuses)
Course Duration: 3 semesters full-time, 6 semesters part-time
Total Credit Points: 144
Course Coordinator: Ms Denise Conroy

This degree is administered by the School of Management in the Faculty of Business, with the participation of the Faculties of Arts, Built Environment and Engineering, Education, Health, Information Technology, Law and Science.

The normal duration of the course is three semesters for full-time students. The third semester is devoted to the dissertation, which may be undertaken in a Summer Program, enabling the course to be completed in one calendar year. The normal duration for part-time students is six semesters. If the dissertation is undertaken over two Summer Programs, the course may be completed, part-time, in two calendar years.

Entry Requirements

Applicants for admission to candidature for the degree of Master of Public Policy normally should have at least two years relevant professional experience, and a Bachelor degree, or equivalent, with a grade point average of 5 or above.
Alternatively, candidates who produce evidence of other qualifications and experience which are considered by the Dean to qualify the candidate for admission may be accepted.

Course Structure
The program structure is divided into two parts. The first part is composed of the eight units, as specified below. The second part consists of the dissertation with a weight of 48 credit points. Each unit will normally have a credit value of 12 points, though, at the discretion of the Course Coordinator, provision can be made for units with a credit value of more or less than 12 credit points provided the total of credit points for coursework units is 96.

The taught units comprise a common core of five units, totalling 60 credit points, plus 36 credit points of applied policy electives selected from an approved list of units, for a total of 96 credit points. The applied policy elective units will be available from faculties and schools participating in the program.

The list of elective units is provided below, grouped into policy specialisations. The list of units available will vary over time as schools add and delete relevant units, depending upon demand. As noted above, students must do 36 credit points of electives. Within this 36 credit points, students must undertake a minimum of 24 credit points from one specialisation. The remaining 12 credit points may be taken from the selected specialisation or from any of the other listed specialisations. Students may select any of the listed units provided that they have the necessary prerequisites.

Students who successfully complete the taught units, normally with a GPA of at least 4.0, are required to write a dissertation of not more than 30,000 words on an area of interest in the public policy field.

Credit and/or unit substitutions may be granted up to a maximum of 48 credit points with the approval of the Course Coordinator. In the case of unit substitutions, the substituted unit will be a policy oriented unit chosen by the student and subject to the approval of the Course Coordinator.

All students undertake a research dissertation. Each student will be assigned to a supervisor, subject to the approval of the Course Coordinator, in consultation with the relevant Head of School. The supervisor will be appointed when the student commences the Research Seminar unit. In general, the supervisor will be responsible for providing guidance in relation to the choice, preparation and submission of the dissertation. Both supervisor and student will observe QUT’s Code of Good Practice in relation to the duties of a supervisor and student (refer to the University Manual of Policy and Procedures (MOPP), Appendix 66). The dissertation will be presented in accordance with QUT policy, as listed in the MOPP, Appendix 51.

The dissertation will be examined by an examining committee of at least three, appointed by the Dean, which will consist of at least two examiners, one of whom may be external to the University, plus the Course Coordinator, who will act as chair of the examining committee. The supervisor shall not be an examiner of the dissertation.

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGN516 Policy Analysis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MGN517 Program Management &amp; Evaluation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWN088 Government Law, Policy &amp; Practice</td>
<td>12</td>
<td>2</td>
</tr>
<tr>
<td>Applied Policy Elective Unit</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGN522 Research Seminar</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EFN405 Managerial Economics</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Applied Policy Elective Unit</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Applied Policy Elective Unit</td>
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<tr>
<td><strong>Semester 3</strong></td>
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<tr>
<td>MGN520 Research Dissertation</td>
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**Part-Time Course Structure**

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGN516 Policy Analysis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWN088 Government Law, Policy &amp; Practice</td>
<td>12</td>
<td>2</td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGN522 Research Seminar</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EFN405 Managerial Economics</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
**Applied Policy Elective Specialisations**

The applied policy electives offer a wide range of choice to the student. At present the following specialisations are available. Apart from a wide range of available policy areas, those students wishing to develop specific skills in the area of financial analysis and management may wish to select the financial management specialisation option which has been provided.

**Economic Policy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFN404</td>
<td>Environmental Economics &amp; Policy</td>
<td>12</td>
</tr>
<tr>
<td>EFN500</td>
<td>Contemporary Macroeconomic Theories</td>
<td>12</td>
</tr>
<tr>
<td>EFN502</td>
<td>Developments in Microeconomic Theories</td>
<td>12</td>
</tr>
<tr>
<td>MGN402</td>
<td>Government Business Relations</td>
<td>12</td>
</tr>
<tr>
<td>MIN403</td>
<td>Business in Asia</td>
<td>12</td>
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<tr>
<td>MIN404</td>
<td>Business in Europe</td>
<td>12</td>
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**Education Policy**

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<th>Course Name</th>
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<tbody>
<tr>
<td>CPN607</td>
<td>Global Change &amp; Educational Leadership</td>
<td>12</td>
</tr>
<tr>
<td>CPN609</td>
<td>School-based Management &amp; Policy Development</td>
<td>12</td>
</tr>
<tr>
<td>EAN602</td>
<td>Early Childhood Services &amp; Policies</td>
<td>12</td>
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**Environmental Policy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EFN404</td>
<td>Environmental Economics &amp; Policy</td>
<td>12</td>
</tr>
<tr>
<td>LWN060</td>
<td>Environmental Legal System</td>
<td>12</td>
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<td>LWN061</td>
<td>Natural Resources Law</td>
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<tr>
<td>LWN062</td>
<td>Federal Environmental Law</td>
<td>12</td>
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<tr>
<td>PSP501</td>
<td>Environmental Planning &amp; Assessment</td>
<td>12</td>
</tr>
<tr>
<td>PSP502</td>
<td>Economic &amp; Social Foundations of Planning</td>
<td>12</td>
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**Ethics and Public Policy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PSP506</td>
<td>Planning Theory &amp; Ethics</td>
<td>12</td>
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**Financial Management**

<table>
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<tr>
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<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AYN432</td>
<td>Public Sector Accounting Issues</td>
<td>12</td>
</tr>
<tr>
<td>AYN439</td>
<td>Management Accounting</td>
<td>12</td>
</tr>
<tr>
<td>EFN401</td>
<td>Advanced Financial Institutions Management</td>
<td>12</td>
</tr>
<tr>
<td>EFN406</td>
<td>Managerial Finance</td>
<td>12</td>
</tr>
<tr>
<td>EFN410</td>
<td>Economic &amp; Financial Modelling</td>
<td>12</td>
</tr>
<tr>
<td>EFN501</td>
<td>Corporate &amp; Commercial Lending</td>
<td>12</td>
</tr>
<tr>
<td>EFN505</td>
<td>Financial Risk Management</td>
<td>12</td>
</tr>
<tr>
<td>EFN506</td>
<td>Advanced International Finance</td>
<td>12</td>
</tr>
<tr>
<td>EFN507</td>
<td>Advanced Capital Budgeting</td>
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</tr>
<tr>
<td>GSN202</td>
<td>Managerial Accounting</td>
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**Health Policy**

<table>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>PUN601</td>
<td>Contemporary Health Policies</td>
<td>12</td>
</tr>
<tr>
<td>PUN608</td>
<td>Health Economics</td>
<td>12</td>
</tr>
<tr>
<td>PUN610</td>
<td>Health Services Management</td>
<td>12</td>
</tr>
<tr>
<td>PUN612</td>
<td>Health Services Research &amp; Evaluation</td>
<td>12</td>
</tr>
<tr>
<td>PUN613</td>
<td>Health Promotion Planning &amp; Evaluation</td>
<td>12</td>
</tr>
<tr>
<td>PUN692</td>
<td>Health Care Delivery Systems</td>
<td>12</td>
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<tr>
<td>PUP010</td>
<td>Health in Australian Society</td>
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<tr>
<td>PUP022</td>
<td>Health Promotion Concepts &amp; Policy: A Critical Analysis</td>
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**Housing and Urban Policy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PSP501</td>
<td>Environmental Planning &amp; Assessment</td>
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<tr>
<td>PSP502</td>
<td>Economic &amp; Social Foundations of Planning</td>
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### INTERFACULTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP504</td>
<td>Urban Systems &amp; Infrastructure</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSP505</td>
<td>Planning in Society</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSP506</td>
<td>Planning Theory &amp; Ethics</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSP507</td>
<td>Planning Procedures &amp; Law</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSP509</td>
<td>Regional &amp; Metropolitan Policy</td>
<td>12</td>
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</table>

**Human Resources and Industrial Relations Policy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>MGN410</td>
<td>Labour-Management Relations</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MGN421</td>
<td>Strategic Human Resources Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MGN422</td>
<td>Contemporary Issues &amp; Practices in Employee Relations</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MGN423</td>
<td>Contemporary Strategic Analysis</td>
<td>12</td>
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</table>

**Industry Policy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFN404</td>
<td>Environmental Economics &amp; Policy</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MGN402</td>
<td>Government Business Relations</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MIN403</td>
<td>Business in Asia</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MIN404</td>
<td>Business in Europe</td>
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</tr>
<tr>
<td>MIN430</td>
<td>The Arts Industry</td>
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</table>

**Information Technology and Communication Policy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>ITN220</td>
<td>Major Issues in Information Systems</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITN340</td>
<td>Information Agencies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITN341</td>
<td>Information Policy &amp; Planning</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJP102</td>
<td>Media Policy Environments</td>
<td>12</td>
<td>3</td>
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</tbody>
</table>

**Public Policy in the International Context**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFN506</td>
<td>Advanced International Finance</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MIN403</td>
<td>Business in Asia</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MIN404</td>
<td>Business in Europe</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MIN406</td>
<td>Comparative Regulatory Systems</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MIN426</td>
<td>Special Topic in International Business</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSP507</td>
<td>Planning Procedures &amp; Law</td>
<td>12</td>
<td>3</td>
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</table>

**Science and Technology Policy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCP920</td>
<td>Technology Assessment &amp; Forecasting</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MGN523</td>
<td>Science &amp; Technology Policy</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

### Graduate Diploma in Facilities Management (IF92)

This course is offered jointly by the School of Construction Management and Property in the Faculty of Built Environment and Engineering, and the Graduate School of Business in the Faculty of Business.

**Location:** Gardens Point campus  
**Course Duration:** 2 years part-time  
**Total Credit Points:** 96  
**Standard Credit Points/Part-Time Semester:** 24  
**Tuition Fees (Domestic Students):** $90 per credit point  
**Course Coordinator:** Associate Professor Danny Then

**Entry Requirements**

- Successful completion of IF91; OR  
- A relevant Bachelor degree from an approved tertiary institution; or  
- Professional qualifications deemed equivalent to the above by the Deans of the Faculties involved on the recommendation of the Course Coordinator; and  
- At least two years of appropriate work experience.

**Professional Recognition**

This course has been designed in association with the Facilities Management Association, Queensland Branch.

**Course Structure**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSN204</td>
<td>Management of the Business Environment</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>GSN208</td>
<td>Personal Development &amp; Ethics for Managers</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
Year 1, Semester 2
CNP100 Fundamentals of Facilities Management 12 3
CNP101 Facilities Support Services 12 3

Year 2, Semester 1
CNP102 Space Planning & Workplace Strategies 12 3
CNP546 Strategic Asset Management & Maintenance 12 3

Year 2, Semester 2
GSN202 Managerial Accounting 12 3
GSN205 Managing Human Resources 12 3

Variations to the recommended study program require prior approval from the Course Coordinator.

In addition to the above units, it is strongly recommended that all Graduate Diploma students attend an Information Retrieval Skills session organised by the QUT library.

Graduates of this course can articulate into the Master of Facilities Management (CN75) offered by the School of Construction Management and Property, or the Master of Business Administration (Professional) (GS81) offered by the Graduate School of Business.

Graduate Diploma in Quality (IF69)

This course will not be offered to new students from 1999.

This course is designed to attract quality practitioners and other professionals having supervisory or managerial roles associated with organisational quality functions. An interdisciplinary program through the Faculties of Built Environment and Engineering, Science and Business, the course addresses the principles and practices of quality management and its technology, incorporating the implementation of effective quality systems and their integration with quality improvement into a total approach to the management of quality.

Location: Gardens Point campus
Course Duration: 2 years part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Mr Ian Ogle

This course is administered by the Academic Boards of the Faculties of Built Environment and Engineering, Business and Science.

Entry Requirements
To be eligible for enrolment in the Graduate Diploma in Quality, an applicant shall have completed a course at degree level or possess an equivalent qualification in science, engineering, management, commerce, education or another field deemed to be appropriate.

Where an equivalent course of study or examination cannot be readily established, an applicant may, in accordance with University practice, be recommended for special entry. This type of entry may depend collectively on the applicant’s qualifications, background experience, current employment position and other similar factors.

Part-Time Course Structure

Year 2, Semester 1
MGN416 Human Factors & the Management of Change 12 3
MAP214 Statistical Quality Procedures 12 3

Year 2, Semester 2
Select two of the following units:
IFP222 Project 12 3
MGN411 Management of Service Quality 12 3
MAP224 Designed Experiments & Sampling Procedures 12 3
MGN418 Methods in Quality Deployment 12 3

Articulation
Completion of the Graduate Diploma in Quality may allow direct entry into the final year of the Master of Business (Quality).
Graduate Certificate in Facilities Management (IF91)

This course is offered jointly by the School of Construction Management and Property in the Faculty of Built Environment and Engineering, and the Graduate School of Business in the Faculty of Business.

Location: Gardens Point campus
Course Duration: 1 year part-time
Total Credit Points: 48
Standard Credit Points/Part-Time Semester: 24
Tuition Fees (Domestic Students): $90 per credit point
Course Coordinator: Associate Professor Danny Then

Entry Requirements

☐ A relevant bachelor degree from an approved tertiary institution; OR
☐ Professional qualifications deemed equivalent to the above by the Deans of the Faculties involved on the recommendation of the Course Coordinator; AND
☐ At least two years of appropriate work experience.

Candidates with extensive relevant professional experience but without academic qualification may also be considered for admission. Such candidates may be required to attend an interview.

Professional Recognition
This course has been designed in association with the Facilities Management Association, Queensland Branch.

Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSN204 Management of the Business Environment</td>
<td>12</td>
<td>3</td>
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<tr>
<td>GSN208 Personal Development and Ethics for Managers</td>
<td>12</td>
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</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNP100 Fundamentals of Facilities Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CNP101 Facilities Support Services</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Variations to the recommended study program require prior approval from the Course Coordinator.

In addition to the above units, it is strongly recommended that all Graduate Certificate students attend an Information Retrieval Skills session organised by the QUT Library.

Graduates of this course have the opportunity to articulate into the Graduate Diploma in Facilities Management (IF92).

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 Academic Committee 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 offered 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 coursework 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 coursework 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 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:

<table>
<thead>
<tr>
<th>Honours 1</th>
<th>First Class Honours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honours 2A</td>
<td>Second Class Honours, Division A</td>
</tr>
<tr>
<td>Honours 2B</td>
<td>Second Class Honours, Division B</td>
</tr>
<tr>
<td>Honours 3</td>
<td>Third Class Honours</td>
</tr>
</tbody>
</table>

7.3 The level of Honours award is to be determined by guidelines, as follows:

<table>
<thead>
<tr>
<th>Honours 1</th>
<th>Grade point average of 6.50-7.00, or equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honours 2A</td>
<td>Grade point average of 5.50-6.49, or equivalent</td>
</tr>
<tr>
<td>Honours 2B</td>
<td>Grade point average of 4.50-5.49, or equivalent</td>
</tr>
<tr>
<td>Honours 3</td>
<td>Grade point average of 4.00-4.49, or equivalent</td>
</tr>
</tbody>
</table>

7.4 A candidate who does not reach the standard required for Honours 3 remains with a pass degree.
Bachelor of Applied Science/Bachelor of Education (Early Childhood) (IF83)

**Location:** Gardens Point and Kelvin Grove campuses  
**Course Duration:** 4 years full time  
**Total Credit Points:** 384  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:**  
*Science:* Mr Tony Edwardson  
*Education:* Dr Jenny Campbell

General Entry Requirements  
Applicants are required to have reached a minimum of sound achievement in English over four semesters at senior level (or equivalent), to have reached a minimum of Sound Achievement in Mathematics B over four semesters at Senior level (or equivalent), and to be within the OP offer range for the higher of the Bachelor of Applied Science (SC01) or the Bachelor of Education (Early Childhood) (ED52) programs.

### Course Structure  

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Science units from the SC01 First Schedule</td>
<td>36</td>
<td>4 per unit</td>
</tr>
<tr>
<td>EAB442 Early Childhood Foundations 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Science units from the SC01 First Schedule</td>
<td>36</td>
<td>4 per unit</td>
</tr>
<tr>
<td>CPB342 Education in Context</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 2, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Science units from the SC01 Second Schedule</td>
<td>36</td>
<td>4 per unit</td>
</tr>
<tr>
<td>EAB347 Early Childhood Curriculum: Early Mathematics Explorations</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 2, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Science units from the SC01 Second or Third Schedules</td>
<td>36</td>
<td>4 per unit</td>
</tr>
<tr>
<td>PRB422 Early Childhood Professional Practice 1: Child Care</td>
<td>12</td>
<td>2.5</td>
</tr>
<tr>
<td><strong>Year 3, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 Science units from the SC01 Second or Third Schedules</td>
<td>48</td>
<td>4 per unit</td>
</tr>
<tr>
<td><strong>Year 3, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EAB345 Early Childhood Curriculum: Language Education</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>EAB443 Early Childhood Foundations 2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LEB335 Human Development &amp; Education</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PRB423 Early Childhood Professional Practice 2: Lower Primary</td>
<td>12</td>
<td>2.5</td>
</tr>
<tr>
<td><strong>Year 4, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EAB346 Early Childhood Curriculum: Science/Society &amp; the Environment</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>EAB348 Early Childhood Curriculum: Arts</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>LEB336 Psychology of Learning &amp; Teaching</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PRB424 Early Childhood Professional Practice 3: Preschool/Kindergarten</td>
<td>12</td>
<td>2.5</td>
</tr>
<tr>
<td><strong>Year 4, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPB343 Understanding Educational Practices</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EAB413 Management of Early Childhood Services</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>EAB444 Early Childhood Foundations 3</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PRB425 Early Childhood Professional Practice 4: Choice</td>
<td>12</td>
<td>2.5</td>
</tr>
</tbody>
</table>

Bachelor of Applied Science/Bachelor of Education (Primary) (IF84)

**Location:** Gardens Point and Kelvin Grove campuses  
**Course Duration:** 4 years full time  
**Total Credit Points:** 384  
**Standard Credit Points/Full-Time Semester:** 48

1. Specific Science units are dependent on the major selected; note that the Science units undertaken must include at least four from the SC01 Third Schedule and that SC01 core requirements must be met.
Course Coordinator:
Science: Mr Tony Edwardson
Education: Dr Jenny Campbell

General Entry Requirements
Applicants are required to have reached a minimum of Sound Achievement in English over four semesters at senior level (or equivalent), to have reached a minimum of Sound Achievement in Mathematics B over four semesters at Senior level (or equivalent), and to be within the OP offer range for the higher of the Bachelor of Applied Science (SC01) or the Bachelor of Education (Primary) (ED51) programs.

Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAB342 Language / Mathematics Curriculum 1</td>
<td>36</td>
<td>4 per unit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB342 Education in Context</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRB377 Studies of Society &amp; Environment/Health &amp; Physical Education Curriculum 1</td>
<td>36</td>
<td>4 per unit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRB347 Primary Professional Practice 1: Classroom Management</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRB348 Primary Professional Practice 2: Curriculum Decision Making</td>
<td>48</td>
<td>4 per unit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRB385 Studies of Society &amp; Environment/Health &amp; Physical Education Curriculum 2</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 4, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRB384 Science Education</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 4, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRB350 Primary Professional Practice 4: Reflective Practice</td>
<td>12</td>
<td>1</td>
</tr>
</tbody>
</table>

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**Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71)**

Locations: Gardens Point and Kelvin Grove campuses
Course Duration: 4 years full-time
Total Credit Points: 432
Standard Credit Points/Full-Time Semester: 54 (average)

---

1 Specific Science units are dependent on the major selected; note that the Science units undertaken must include at least four from the SC01 Third Schedule and that SC01 core requirements must be met.
Course Coordinators:

Science: Mr Tony Edwardson
Education: Dr Jenny Campbell

Full-Time Course Structure

Year 1, Semesters 1 and 2; Year 2, Semesters 1 and 2; Year 3, Semester 1

Completion of 240 credit points in units offered by the Faculty of Science meeting all the requirements for the core units and a major as specified for the SC01 program and an approved range of units suitable for general science or mathematics and the units CPB342 Education in Context, LEB335 Human Development and Education, LEB336 Psychology of Learning and Teaching, LAB341 Language Technology and Education.

Year 3, Semester 2

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRB343</td>
<td>Secondary Professional Practice 1: Classroom Management</td>
</tr>
<tr>
<td>PRB344</td>
<td>Secondary Professional Practice 2: Curriculum Decision Making</td>
</tr>
<tr>
<td></td>
<td>Curriculum Studies 1X²</td>
</tr>
<tr>
<td></td>
<td>Curriculum Studies 1Y²</td>
</tr>
</tbody>
</table>

Year 4, Semester 1

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB343</td>
<td>Understanding Educational Practices</td>
</tr>
<tr>
<td>PRB345</td>
<td>Secondary Professional Practice 3: The Inclusive Curriculum</td>
</tr>
<tr>
<td></td>
<td>Curriculum Studies 2X²</td>
</tr>
<tr>
<td></td>
<td>Curriculum Studies 2Y²</td>
</tr>
</tbody>
</table>

Year 4, Semester 2

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education Studies Elective²</td>
<td>12</td>
</tr>
<tr>
<td>Education Studies Elective²</td>
<td>12</td>
</tr>
<tr>
<td>PRB346</td>
<td>Secondary Professional Practice 4: Beginning Teaching</td>
</tr>
<tr>
<td>Curriculum Studies Elective²</td>
<td>12</td>
</tr>
</tbody>
</table>

Bachelor of Applied Science/Bachelor of Laws (IF39)

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 528

Standard Credit Points/Full-Time Semester: 60 (Years 1 & 4), 48 (Years 2, 3, & 5)

Course Coordinators:

Science: Mr Tony Edwardson
Law: Associate Professor Phillip Tahmindjis

All commencing students will enter the Bachelor of Applied Science/Bachelor of Laws (IF39) course.

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 Handbook.

Full-Time Course Structure

For detailed information on the range and availability of units within the applied sciences refer to the entry for Bachelor of Applied Science (SC01) in the Faculty of Science section.

Year 1, Semester 1

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>LWB131/1</td>
<td>Law in Context</td>
</tr>
<tr>
<td>LWB134</td>
<td>Research &amp; Legal Reasoning</td>
</tr>
<tr>
<td>3 Science Units from the SC01 First Schedules³</td>
<td>36</td>
</tr>
</tbody>
</table>

² Refer to the Bachelor of Education (Secondary) entry in the Faculty of Education section in the Handbook for details of available units.

³ Students will be required to attend an advisory session with an academic adviser to select their Science units. Note that the Science units undertaken must include at least four from the SC01 Third Schedule and that SC01 core requirements must be met.
**Year 1, Semester 2**
LWB131/2 Law in Context 12 3
LWB135 Legislation 12 3
3 Science Units from the SC01 First Schedules\(^3\) 36 12

**Year 2, Semester 1**
LWB132/1 Contracts 12 3
3 Science Units from the SC01 Second Schedules\(^3\) 36 12

**Year 2, Semester 2**
LWB132/2 Contracts 12 3
3 Science Units from the SC01 Second Schedules\(^3\) 36 12

**Year 3, Semester 1**
LWB133/1 Torts 12 3
LWB232/1 Criminal Law & Procedure 12 3
2 Science Units from the SC01 Third Schedules\(^3\) 24 8

**Year 3, Semester 2**
LWB133/2 Torts 12 3
LWB232/2 Criminal Law & Procedure 12 3
2 Science Units from the SC01 Third Schedules\(^3\) 24 8

**Year 4, Semester 1**
LWB231 Introduction to Public Law 12 3
LWB233/1 Property 12 3
LWB234/1 Equity & Trusts 12 3
LWB332 Commercial & Personal Property Law 12 3
LWB333 Theories of Law 12 3

**Year 4, Semester 2**
LWB233/2 Property 12 3
LWB234/2 Equity & Trusts 12 3
LWB235 Australian Federal Constitutional Law 12 3
LWB331 Administrative Law 12 3
LWB334 Corporate Law 12 3

**Year 5, Semester 1**
LWB431 Civil Procedure 12 3
LWB432 Evidence 12 3
Elective Units\(^4\) 24

**Year 5, Semester 2**
LWB433 Professional Responsibility 12 3
LWB434 Advanced Research & Legal Reasoning 12 3
Elective Units\(^4\) 24

**Elective Units**
For information on the availability of law elective units, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Law section. The offering of elective units in any semester is dependent upon sufficient minimum enrolments in the unit and the availability of staff. The selection of all elective units is subject to the approval of the Associate Dean of the Faculty of Law.

**Cooperative Education Program**
Any student who has completed the first three years of the course normally with a GPA of not less than 4.5 overall, may, at the discretion of the Director of Academic Programs in the Faculty of Science and the Associate Dean in the Faculty of Law, undertake a Cooperative Education 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 cooperative education placement the student resumes formal studies.

\(^3\) Students will be required to attend an advisory session with an academic adviser to select their Science units. Note that the Science units undertaken must include at least four from the SC01 Third Schedule and that SC01 core requirements must be met.

\(^4\) A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units offered by other Faculties or Schools but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.
Bachelor of Applied Science (Mathematics)/Bachelor of Business (IF60)

With Majors in Banking & Finance and Economics.

Location: Gardens Point campus
Course Duration: 4 years full-time
Total Credit Points: 432
Standard Credit Points/Full-time Semester: 54 (average)

Course Coordinators:
Science: Dr Jack Wrigley
Business: Ms Elizabeth McDade

Professional recognition
Graduate 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 as well as the Economic Society of Australia and the Australian Institute of Management. Students may also be eligible for membership of the Australian Institute of Banking and Finance and the Institute of Chartered Secretaries, again depending on unit selection.

Course structure
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 in the Bachelor of Business program together with a 60 credit point Major in either Banking & Finance or Economics, and a further 72 credit points in which the student must complete one of the following:

(i) Double Major (six units); or
(ii) Extended Major (six units); or
(iii) Specialisation (six units).

Recommended combinations are:

Banking & Finance Major
Extended Major in Banking
Extended Major in Funds Management
Double Major in Economics
Specialisation in Analytical Techniques for Business

Economics Major
Extended Major in Advanced Economic Analysis
Double Major in Banking & Finance
Specialisation in Analytical Techniques for Business

It is Faculty of Business policy that a grade of 4 or higher is required in prerequisite units before a student can enrol in further units. Prerequisite requirements are provided in the unit synopsis and it is the student’s responsibility to ensure they are correctly enrolled.

For information on the double majors, extended majors and specialisations, refer to the relevant section in the Bachelor of Business (BS56) course entry.

At least 48 credit points of the mathematics electives must be from Level 3 units.

Note: Please note that EFB101 Data Analysis for Business which is normally undertaken in the Majors of Banking & Finance and Economics, is not required as the content will be covered in the statistics units from the mathematics component of the program.

Students without at least Sound Achievement in Mathematics C (or equivalent), will need to take the unit MAB100 Mathematical Sciences 1A in Year 1, Semester 1. The total number of mathematics units to be taken is unchanged. This unit replaces one of the Level 2 or 3 Mathematics electives. The unit MAB111 Mathematical Sciences 1B is deferred until Year 1, Semester 2. The unit BSB117 Professional Communication & Negotiation is deferred until Year 3, Semester 1.
Honours
Graduates of IF60 can apply for entry into Honours in Mathematics, or into their Business Major (Economics, or Banking and Finance).

### BANKING & FINANCE MAJOR

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
</table>

#### Year 1, Semester 1
- BSB112 Introduction to Electronic Commerce 12 3
- BSB113 Economics 12 3
- MAB101 Statistical Data Analysis 1 12 4
- MAB111 Mathematical Sciences 1B 12 4

#### Year 1, Semester 2
- BSB110 Accounting 12 4
- BSB117 Professional Communication & Negotiation 12 3
- EFB102 Economics 2 12 3
- MAB112 Mathematical Sciences 1C 12 4
- MAB210 Statistical Modelling 1 12 4

#### Year 2, Semester 1
- BSB116 Marketing & International Business 12 3
- EFB210 Finance 1 12 3
- MAB311 Advanced Calculus 12 4
- MAB313 Mathematics of Finance 12 4

#### Year 2, Semester 2
- BSB114 Government, Business & Society 12 3
- EFB307 Finance 2 12 3
- EFB312 International Finance & Economics 12 3
- MAB220 Computational Mathematics 1 12 4
  Mathematics Elective (Level 2 or 3) 12

#### Year 3, Semester 1
- Mathematics Elective (Level 2 or 3) 12
- Mathematics Elective (Level 2 or 3) 12
- Mathematics Elective (Level 2 or 3) 12
- Double Major/Extended Major/Specialisation unit 12
  Double Major/Extended Major/Specialisation unit 12

#### Year 3, Semester 2
- BSB111 Business Ethics 12 3
- Mathematics Elective (Level 2 or 3) 12
  Double Major/Extended Major/Specialisation unit 12
  Double Major/Extended Major/Specialisation unit 12

#### Year 4, Semester 1
- EFB201 Australian Financial Markets 12 3
  Double Major/Extended Major/Specialisation unit 12
  Mathematics Elective (Level 2 or 3) 12
  Mathematics Elective (Level 2 or 3) 12
  Mathematics Elective (Level 2 or 3) 12

#### Year 4, Semester 2
- BSB115 Management, People & Organisations 12 3
  Double Major/Extended Major/Specialisation unit 12
  Mathematics Elective (Level 2 or 3) 12
  Mathematics Elective (Level 2 or 3) 12
  Mathematics Elective (Level 2 or 3) 12

For students with four semesters of Senior Mathematics B (or equivalent) only, at an exit level of Sound Achievement or better:

#### Year 1, Semester 1
- BSB112 Introduction to Electronic Commerce 12 3
- BSB113 Economics 12 3
- MAB100 Mathematical Sciences 1A 12 4
- MAB101 Statistical Data Analysis 1 12 4

#### Year 1, Semester 2
- BSB110 Accounting 12 4
- EFB102 Economics 2 12 3
MAB111  Mathematical Sciences 1B  12  4
MAB112  Mathematical Sciences 1C  12  4
MAB210  Statistical Modelling 1  12  4

**Year 2 to 4 program**
As above except the unit BSB117 Professional Communication & Negotiation replaces one of the Mathematics Electives.

**ECONOMICS MAJOR**

**Year 1, Semester 1**
- BSB112 Introduction to Electronic Commerce  12  3
- BSB113 Economics  12  3
- MAB101 Statistical Data Analysis 1  12  4
- MAB111 Mathematical Sciences 1B  12  4

**Year 1, Semester 2**
- BSB110 Accounting  12  4
- BSB117 Professional Communication & Negotiation  12  3
- EFB102 Economics 2  12  3
- MAB112 Mathematical Sciences 1C  12  4
- MAB210 Statistical Modelling 1  12  4

**Year 2, Semester 1**
- EFB202 Business Cycles & Economic Growth  12  3
- EFB211 Firms, Markets & Resources  12  3
- MAB311 Advanced Calculus  12  4
- MAB313 Mathematics of Finance  12  4

**Year 2, Semester 2**
- BSB114 Government, Business & Society  12  3
- BSB116 Marketing & International Business  12  3
- EFB305 Current Economic Policy Challenges  12  3
- MAB220 Computational Mathematics 1  12  4

**Year 3, Semester 1**
- Mathematics Elective (Level 2 or 3)  12
- Mathematics Elective (Level 2 or 3)  12
- Mathematics Elective (Level 2 or 3)  12
- Double Major/Extended Major/Specialisation unit  12
- Double Major/Extended Major/Specialisation unit  12

**Year 3, Semester 2**
- EFB314 International Trade & Economic Competitiveness  12  3
- Mathematics Elective (Level 2 or 3)  12
- Double Major/Extended Major/Specialisation unit  12
- Double Major/Extended Major/Specialisation unit  12

**Year 4, Semester 1**
- BSB111 Business Ethics  12  3
- Double Major/Extended Major/Specialisation unit  12
- Mathematics Elective (Level 2 or 3)  12
- Mathematics Elective (Level 2 or 3)  12
- Mathematics Elective (Level 2 or 3)  12

**Year 4, Semester 2**
- BSB115 Management, People & Organisations  12  3
- Double Major/Extended Major/Specialisation unit  12
- Mathematics Elective (Level 2 or 3)  12
- Mathematics Elective (Level 2 or 3)  12
- Mathematics Elective (Level 2 or 3)  12

For students with four semesters of Senior Mathematics B (or equivalent) only, at an exit level of Sound Achievement or better:

**Year 1, Semester 1**
- BSB112 Introduction to Electronic Commerce  12  3
- BSB113 Economics  12  3
- MAB100 Mathematical Sciences 1A  12  4
- MAB101 Statistical Data Analysis 1  12  4
Year 1, Semester 2
BSB110 Accounting 12 4
EFB102 Economics 2 12 3
MAB111 Mathematical Sciences 1B 12 4
MAB112 Mathematical Sciences 1C 12 4
MAB210 Statistical Modelling 1 12 4

Year 2 to 4 program
As above except the unit BSB117 Professional Communication & Negotiation replaces one of the Mathematics Electives.

Mathematics Electives

Level 2 units
MAB312 Linear Algebra
MAB314 Statistical Modelling 2
MAB315 Operations Research 2
MAB420 Computational Mathematics 2
MAB413 Differential Equations
MAB414 Applied Statistics 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

Bachelor of Applied Science (Mathematics)/Bachelor of Information Technology (IF58)

Location: Gardens Point campus
Course Duration: 4 years full-time
Total Credit Points: 420
Course Coordinator: Associate Professor Helen MacGillivary (Mathematics)

Associate Course Coordinators:
Information Technology: Dr Colin Boyd
Mathematics: Mr Gary Carter

Course Structure
Students must complete 204 credit points of mathematics units with at least 48 credit points from Level 3.

Cooperative Education Program
An optional one-year paid work experience is available to eligible students at the end of the third year of full-time study. Students participating in this program enrol in ITB906 Industrial Training Experience, a 12 credit point unit.

Note: A minimum grade of 4 is normally required to fulfil the prerequisite requirements for all units in the course.

Full-Time Course Structure

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<tr>
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<td>MAB101 Statistical Data Analysis 1</td>
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<td>Communication Networks</td>
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<td>MAB210</td>
<td>Statistical Modelling 1</td>
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<td>Computational Mathematics 1</td>
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### INFORMATION TECHNOLOGY MAJORS

Information Technology majors are available in the following areas:

- A: Computing Science
- B: Data Communications
- C: Information Management
- D: Information Systems

### A: Computing Science Primary Major (CSC)

Major Coordinator: Dr Trevor Chorvat

<table>
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<td>ITB465</td>
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#### List 1: Specialisation Units

Two units to be selected from one of the following specialisations:

**Computing Systems**

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<td>ITB465</td>
<td>Concurrent &amp; Distributed Systems</td>
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5 Computing Science major students who complete the Cooperative Education Program will substitute ITB906 Industrial Training Experience for this unit.

6 To be selected from units available in the Bachelor of Information Technology, subject to the approval of the Major Coordinator.
**Neurocomputing/Artificial Intelligence**

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<thead>
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<td>Foundations of Artificial Intelligence</td>
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<tr>
<td>ITB461</td>
<td>Foundations of Neurocomputing</td>
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**Software Engineering**

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<td>ITB466</td>
<td>Component Technology</td>
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**B: Data Communications Primary Major (DAT)**

Major Coordinator: Mr Neville Richter

Full-Time Course Structure

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<td>ITB412 Technology of Information Systems</td>
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<td>ITB537 Internet Applications</td>
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<td>ITB535 Network Administration</td>
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**List 2: Specialisation Units**

In addition to the mandatory units listed above, students undertaking the Data Communications Major are required to successful complete the following:

- any four units included in List 2A, and
- any other three units listed in either List 2A or 2B.

**List 2A**

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<td>Network Management</td>
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<td>ITB533</td>
<td>Comparative Network Systems</td>
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<td>ITB539</td>
<td>DC Project</td>
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<tr>
<td>ITB541</td>
<td>Transmission Techniques</td>
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<sup>7</sup> The following maths units must be undertaken by students in the Data Communications Major: MAB315 Operations Research and MAB312 Linear Algebra.

<sup>8</sup> Data Communications major students who complete the Cooperative Education Program will substitute ITB906 Industrial Training Experience for this unit.
ITB542 Network Programming 12 3
ITB543 Data Security 12 3
ITB548 Introduction to Cryptology 12 3
ITB549 Error Control & Data Compression 12 3
ITB550 Network Analysis 12 3
ITB551 Network Planning 12 3

**List 2B**
ITB220 Database Design 12 3
ITB222 Systems Analysis & Design 12 3
ITB241 Information Systems Management 12 3
ITB426 Operating Systems 12 3
ITB448 Object Technology 12 3
ITB458 Java & Extensible Programming 12 3

---

**C: Information Management Primary Major (IFM)**

Major Coordinator: Mr Michael Middleton

**Full-Time Course Structure**

<table>
<thead>
<tr>
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<th>Course Details</th>
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<td>ITB310 Information Management</td>
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<td>ITB220 Database Design</td>
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<td>ITB324 Personal Productivity Software</td>
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<td>BSB115 Management, People &amp; Organisations</td>
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<td>ITB257 Multimedia Systems</td>
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**List 3: Specialisation Units**

Three units to be selected from one of the following specialisations:

**Business**
BSB114 Government, Business & Society
OR 12 3
BSB116 Marketing & International Business
12 3
SSB937 Applied Cognitive Psychology
12 3
### Information Management

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**Library Studies**

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<td>ITB337</td>
<td>Information Organisation I</td>
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<td>ITB338</td>
<td>Information Resource Provision</td>
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**Science of Information**

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<td>ITB238</td>
<td>Text Storage &amp; Retrieval</td>
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**Information Systems**

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<td>ITB241</td>
<td>Information Technology Management</td>
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<td>ITB340</td>
<td>Project (Information Management)(^9)</td>
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### D: Information Systems Primary Major (ISS)

Major Coordinator: Mr Hamish Bentley

**Full-Time Course Structure**

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<th>Semester</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<td><strong>Year 2, Semester 2</strong></td>
<td></td>
<td>ITB221 3GL Systems</td>
<td>12</td>
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<tr>
<td>ITB257</td>
<td>Multimedia Systems</td>
<td>12</td>
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<tr>
<td></td>
<td>Level 2 Maths Unit</td>
<td>12</td>
<td>4</td>
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<td>Level 2 Maths Unit</td>
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<td>4</td>
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<tr>
<td><strong>Year 3, Semester 1</strong></td>
<td></td>
<td>ITB222 Systems Analysis &amp; Design</td>
<td>12</td>
<td>3</td>
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<td>ITB226</td>
<td>Information Theory</td>
<td>12</td>
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<td>Level 2 or 3 Maths Unit</td>
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<td>Level 2 or 3 Maths Unit</td>
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<td>4</td>
<td></td>
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<tr>
<td><strong>Year 3, Semester 2</strong></td>
<td></td>
<td>ITB232 Database Systems</td>
<td>12</td>
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<td>ITB242</td>
<td>Management Support Systems</td>
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<td>12</td>
<td>4</td>
<td></td>
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<tr>
<td></td>
<td>Level 2 or 3 Maths Unit</td>
<td>12</td>
<td>4</td>
<td></td>
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<tr>
<td><strong>Year 4, Semester 1</strong></td>
<td></td>
<td>ITB223 4GL Systems</td>
<td>12</td>
<td>3</td>
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<tr>
<td>ITB241</td>
<td>Information Technology Management</td>
<td>12</td>
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<td>Level 2 or 3 Maths Unit</td>
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<td>4</td>
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<td><strong>Year 4, Semester 2</strong></td>
<td></td>
<td>ITB236 Object Oriented Systems</td>
<td>12</td>
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<td>ITB240</td>
<td>Group Project(^10)</td>
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<tr>
<td></td>
<td>Level 2 or 3 Maths Unit</td>
<td>12</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

\(^9\) Information Management major students who complete the Cooperative Education Program will substitute ITB906 Industrial Training Experience for this unit.

\(^10\) Information Systems major students who complete the Cooperative Education Program will substitute ITB906 Industrial Training Experience for this unit.
Mathematics Units

**Level 2 Units**
- MAB311 Advanced Calculus 12 4
- MAB312 Linear Algebra 12 4
- MAB313 Mathematics of Finance 12 4
- MAB314 Statistical Modelling 2 12 4
- MAB315 Operations Research 2 12 4
- MAB420 Computational Mathematics 2 12 4
- MAB413 Differential Equations 12 4
- MAB414 Applied Statistics 2 12 4
- MAB422 Mathematical Modelling 12 4

**Level 3 Units**
- MAB521 Applied Mathematics 3 12 4
- MAB522 Computational Mathematics 3 12 4
- MAB523 Introduction to Quality Management 12 4
- MAB524 Statistical Inference 12 4
- MAB525 Operations Research 3A 12 4
- MAB526 Statistical Science 3 12 4
- MAB613 Partial Differential Equations 12 4
- MAB621 Discrete Mathematics 12 4
- MAB622 Financial Mathematics 12 4
- MAB624 Applied Statistics 3 12 4
- MAB625 Operations Research 3B 12 4

☐ **Cooperative Education Program**

*(ITB906 Industrial Training Experience)*

Refer to the course details for the Bachelor of Information Technology (IT21) in the Faculty of Information Technology section of this Handbook.

■ **Bachelor of Applied Science (in Human Movement Studies)/ Bachelor of Education (Secondary) (IF73)**

**Location:** Kelvin Grove campus (some units are located at Carseldine and Gardens Point campuses)

**Course Duration:** 4 years full-time

**Total Credit Points:** 432

**Standard Credit Points/Full-Time Semester:** 54 (average). (Note that the minimum enrolment for full-time status varies each year).

**Course Coordinators:**
- Human Movement Studies: Dr Tom Cuddihy
- Associate Coordinator, Education: Dr Jenny Campbell

**Course Requirements**

Students are required to complete 240 credit points in approved units in Human Movement Studies (and other areas) and 192 credit points in approved units in Education.

Teaching areas for students completing this award are Physical Education (Major) and Health (Minor).

**Course Structure**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMB171 Fitness, Health and Wellness</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HMB313 Socio-Cultural Foundations of Physical Activity</td>
<td></td>
<td></td>
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<tr>
<td>LSB131 Anatomy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEB335 Human Development and Education</td>
<td>12</td>
<td>3</td>
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</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB342 Education in Context</td>
<td>12</td>
<td>3</td>
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<tr>
<td>LSB231 Physiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HMB172 Nutrition and Physical Activity</td>
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</table>
HMB272 Biomechanics
HMB314 Performance Skills 1

**Year 2, Semester 1**
HMB271 Foundations of Motor Control, Learning and Development
HMB273 Bioenergetics & Muscle Physiology in Exercise
HMB274 Functional Anatomy
LAB341 Language Technology and Education 12 3
PUB127 Health Issues in Australia

**Year 2, Semester 2**
HMB275 Exercise and Sport Psychology
HMB276 Research Methods in Physical Activity
HMB382 Principles of Exercise Prescription
HMB315 Performance Skills 2
SSB806 Interpersonal and Group Dynamics

**Year 3, Semester 1**
HMB379 Disorders of Human Movement
LEB336 Psychology of Learning and Teaching 12 3
PUB329 Foundations of Health Studies and Health

Plus two of the following
HMB316 Performance Skills 3
HMB376 Motor Development in Children
HMB332 Health Related Fitness OR Any advanced HMB discipline unit offered for which you have matched the prerequisites.

**Year 3, Semester 2**
PRB343 Secondary Professional Practice 1: Classroom Management 12 3
PRB344 Secondary Professional Practice 2: Curriculum Decision Making 12 3
HMB310 Physical Education Curriculum Studies 1A 12 3
HMB390 Health Education Curriculum Studies 1 12 3

**Year 4, Semester 1**
CPB343 Understanding Educational Practices 12 3
HMB370 Physical Education Curriculum Studies 2 12 3
HMB395 Health Education Curriculum Studies 2 12 3
PRB345 Secondary Professional Practice 3: The Inclusive Curriculum 12 3

**Year 4, Semester 2**
PRB346 Secondary Professional Practice 4: Beginning Teaching 12 3
Education Studies Elective A\(^2\) 12 3
Education Studies Elective B\(^2\) 12 3
Curriculum Studies Elective\(^2\) 12 3

Course Structure Bachelor of Applied Science(in Human Movement Studies)/ Bachelor of Education

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Total</th>
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<tr>
<td></td>
<td>3 x 12 cp discipline (2 x 'X' + 1 x 'Y')</td>
<td>4 x 12 cp Discipline (4 x 'X')</td>
<td>1 x 12 cp Education</td>
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<tr>
<td>Year 2</td>
<td>4 x 12 cp Discipline (3 x 'X' + 1 x 'Y')</td>
<td>1 x 12 cp Education</td>
<td>5 x 12 cp Discipline (4 x 'X' + 1 x 'Y')</td>
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<tr>
<td>Year 3</td>
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<td>1 x 12 cp Education</td>
<td>4 x 12 cp Education</td>
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<tr>
<td>Year 4</td>
<td>4 x 12 cp Education</td>
<td>4 x 12 cp Education</td>
<td>96</td>
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</tbody>
</table>

**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 to Bachelor of Education.

X Discipline units taken as Bachelor of Education major.
Y Discipline units taken as Bachelor of Education minor.

\(^2\) Refer to the Bachelor of Education (Secondary) entry in the Faculty of Education section in the Handbook for details of available units.
**Bachelor of Applied Science (in Human Movement Studies)/ Bachelor of Business (IF62)**

**Location:** Gardens Point campus (All units with HMB codes are located at the Kelvin Grove campus)

**Course Duration:** 4 years full-time

**Total Credit Points:** 432

**Standard Credit Points/Full-Time Semester:** 54 (average). (Note that the minimum enrolment for full-time status varies each year).

**Course Coordinators:**
- **Human Movement Studies:** Dr Keith Gilbert
- **Business:** Ms Elizabeth McDade

**Major Coordinators:**
- **Accountancy:** Mr Robert Humphreys
- **Banking and Finance:** Mr Mark Christensen
- **Communication:** Ms Robina Xavier (Acting)
- **Economics:** Mr Eugene McCann
- **Human Resource Management:** Dr John Martin
- **International Business:** Mr Michael Cox
- **Management:** Dr Dianne Lewis
- **Marketing:** Mr Terry Euler

**Class Codes**
- **CKG** – Classes are held at Kelvin Grove campus
- **CGP** – Classes are held at Gardens Point campus
- **CCA** – Classes are held at Carseldine campus

**Special Course Requirements**
Students must complete 432 credit points from the required integrated course. These will consist of 216 credit points from the Bachelor of Business degree (BS56) and 216 credit points from the Bachelor of Applied Science (Human Movement Studies) degree (HM42). There are eight primary majors to choose from in the Bachelor of Business component of the IF62 degree. These are: Accountancy, Banking & Finance, Communication, Economics, Human Resource Management, International Business, Management, and Marketing.

Students must select a Business Minor study of four units, subject to prerequisite requirements and timetable availability, from those listed below. An alternative minor unit must be substituted if a unit has already been completed in the student’s chosen Major.

Please note that students must complete the special course requirements for (BS56) Bachelor of Business and (HM42) Bachelor of Applied Science degrees.

It is Faculty of Business policy that a grade of 4 or higher is required in prerequisite units before a student can enrol in further units. Prerequisite requirements are provided in the unit synopsis and it is the student’s responsibility to ensure they are correctly enrolled.

**BUSINESS FACULTY CORE UNITS**
Refer to Bachelor of Business (BS56) entry

**BUSINESS MAJORS**
Refer to Bachelor of Business (BS56) entry

**BUSINESS MINORS**

<table>
<thead>
<tr>
<th>Accounting (Students without an Accountancy Major)</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
<th>Semester Offered</th>
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<tbody>
<tr>
<td>AYB121 Financial Accounting</td>
<td>12</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>AYB120 Business Law</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>AYB221 Computerised Accounting Systems</td>
<td>12</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>AYB223 Law of Business Associations</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
</tbody>
</table>
AYB220  Company Accounting  
AYB225  Management Accounting 1  

**Accounting (Students with an Accountancy Major)**

AYB221  Computerised Accounting Systems  
AYB223  Law of Business Associations  
AYB325  Taxation Law  

plus one of the following:

AYB311  Financial Accounting Theory  
AYB321  Management Accounting Theory  

**Advanced Economic Analysis (Students with an Economics Major)**

EFB313  International Macroeconomics  
EFB317  Microeconomic Reform  

Plus two units from either the Qualitative Stream or the Quantitative Stream

**Qualitative Stream**

EFB207  Development of Economic Thought  
EFB209  Environmental Economics: Issues & Policy  
EFB215  Monetary Theory & Policy  
EFB217  Transport & Communication Economics  
EFB319  Public Sector Economics  

**Quantitative Stream**

EFB213  Introduction to Analytical Techniques for Business  
EFB214  Mathematical Applications in Economics & Finance  
EFB200  Applied Regression Analysis  
EFB304  Advanced Econometric Techniques  
EFB322  Business Forecasting  

**Advertising (Students without a Communication Major)**

COB216  Theoretical Perspectives on Communication  
COB308  Advertising Theory & Practice  
COB304  Advertising Copywriting  
COB317  Media Planning  

**Advertising (Students with a Communication Major)**

COB308  Advertising Theory & Practice  
COB304  Advertising Copywriting  
COB317  Media Planning  
COB306  Advertising Management  

**Analytical Techniques for Business (All Business Majors)**

Students must complete four of the following:

EFB101  Data Analysis for Business  
EFB213  Introduction to Analytical Techniques for Business  
EFB214  Mathematical Applications in Economics & Finance  
EFB200  Applied Regression Analysis  
EFB304  Advanced Econometric Techniques  
EFB322  Business Forecasting  

**Banking (Students with a Banking & Finance Major)**

AYB120  Business Law  
AYB312  Financial Institutions Law  
EFB310  Financial Institutions – Control  
EFB311  Financial Institutions – Lending  

**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  Australian Financial Markets  
EFB312  International Finance & Economics  

**Economics (Students without an Economics Major)**

Students must complete four of the following:

EFB101  Data Analysis for Business  
EFB102  Economics 2
EFB202  Finance 1  12  3  1
EFB211  Firms, Markets & Resources 12  3  1
EFB305  Current Economic Policy Challenges 12  3  2
EFB314  International Trade & Economic Competitiveness 12  3  2

**Funds Management (Students with a Banking & Finance Major)**
EFB308  Finance 3  12  3  2
EFB309  Financial Derivatives 12  3  2
EFB318  Portfolio & Security Analysis 12  3  1
Plus one level 2 or 3 Finance unit approved by the Banking & Finance Major Coordinator

**Human Resource Management (Students without a Human Resource Management or Management Major)**
MGB207  Managing Human Resources 12  3  1 & 2
MGB211  Organisational Behaviour 12  3  1 & 2
MGB221  Work & Performance 12  3  1

plus one of the following:
MGB307  International Human Resource Management 12  3  2
MGB314  Organisational Consulting & Counselling 12  3  1
MGB322  Remuneration Management 12  3  1
MGB331  Training & Development 1 12  3  2

**Human Resource Management (Students with a Human Resource Management Major)**
Student must complete four of the following:
MGB201  Employment Regulation & Administration 12  3  1
MGB202  Equity & Diversity Management 12  3  2
MGB209  Occupational Health & Safety 12  3  1
MGB300  Advanced Organisational Behaviour 12  3  2
MGB305  Human Resource Management Strategy & Policy 12  3  2
MGB307  International Human Resource Management 12  3  2
MGB312  Negotiation & Collective Bargaining 12  3  1
MGB313  Organisational Change & Development 12  3  2
MGB314  Organisational Consulting & Counselling 12  3  1
MGB315  Personal & Professional Development 12  3  1
MGB321  Recruitment & Selection 2 12  3  1
MGB322  Remuneration Management 12  3  1
MGB325  Training & Development 2 12  3  2
MGB332  Australian Industrial Relations 12  3  2

**Human Resource Management (Students with a Management Major)**
MGB221  Work & Performance 12  3  1
MGB320  Recruitment & Selection 1 12  3  2
MGB331  Training & Development 1 12  3  2

plus one of the following:
MGB201  Employment Regulation & Administration 12  3  1
MGB202  Equity & Diversity Management 12  3  2
MGB209  Occupational Health & Safety 12  3  1
MGB300  Advanced Organisational Behaviour 12  3  2
MGB307  International Human Resource Management 12  3  2
MGB312  Negotiation & Collective Bargaining 12  3  1
MGB314  Organisational Consulting & Counselling 12  3  1
MGB315  Personal & Professional Development 12  3  1
MGB321  Recruitment & Selection 2 12  3  1
MGB322  Remuneration Management 12  3  1
MGB325  Training & Development 2 12  3  2
MGB332  Australian Industrial Relations 12  3  2

**International Business Analysis (Students without an International Business Major)**
MIB202  Business and the World Economy 12  3  2
MIB211  Globalisation & Business 12  3  2

plus one of the following pairs of units:
MIB203  Comparative Regulatory Systems 12  3  1
BSB300  Management, the Firm & International Business 12  3  2
MIB200  Asian Business Development 12  3  1
MIB317  Contemporary Business in Asia 12  3  2
MIB208 European Business Development 12 3 1
MIB300 Contemporary Business in Europe 12 3 2

Management (Students without a Human Resource Management or Management Major)
MGB207 Managing Human Resources 12 3 1 & 2
MGB211 Organisational Behaviour 12 3 1 & 2
MGB220 Methods & Analysis 12 3 1 & 2

plus one of the following:
MGB202 Equity & Diversity Management 12 3 2
MGB203 Government-Management Interface 12 3 2
MGB206 Management & Organisation Theory 12 3 2
MGB210 Operations, Production & Service Management 12 3 1
MGB303 Entrepreneurship 12 3 1
MGB311 Managing Change 12 3 2

Management (Students with a Management Major)
Student must complete four of the following:
MGB203 Government-Management Interface 12 3 2
MGB206 Management & Organisation Theory 12 3 2
MGB216 Technology Management 12 3 2
MGB218 Venture Skills 12 3 2
MGB311 Managing Change 12 3 2
MGB319 Quality Management 12 3 1
MGB323 Small Business Management 12 3 1

Management (Students with a Human Resource Management Major)
MGB210 Operations, Production & Service Management 12 3 1
MGB303 Entrepreneurship 12 3 1
MGB309 Strategic Management 12 3 1

plus one of the following:
MGB206 Management & Organisation Theory 12 3 2
MGB216 Technology Management 12 3 2
MGB218 Venture Skills 12 3 2
MGB311 Managing Change 12 3 2
MGB319 Quality Management 12 3 1

Marketing (Students without a Marketing Major)
MIB217 Marketing Management 12 3 1 & 2
MIB204 Consumer Behaviour 12 3 1
MIB213 International Marketing 12 3 2
MIB315 Strategic Marketing 12 3 2

Marketing (Students with a Marketing Major)
Students must complete any four of the following units for which they have the necessary prerequisites.

The following units are offered every year in the semester indicated:
MIB209 Events Marketing 12 3 2
MIB210 Export Management 12 3 1
MIB226 Tourism Marketing 12 3 2
MIB307 Product Innovation & Market Development 12 3 2
MIB308 Professional Marketing Practice 12 3 2
MIB311 Services Marketing 12 3 1

The following units are offered in even numbered years in the semester indicated:
MIB216 Marketing Decision Making 12 3 2
MIB218 Marketing Sport & Recreation 12 3 2
MIB309 Promotional Strategy 12 3 1
MIB310 Retail Marketing 12 3 1

The following units are offered in odd numbered years in the semester indicated:
MIB215 Marketing Logistics 12 3 1
MIB220 Organisational Markets (Business to Business Marketing) 12 3 1
MIB224 Technology & Marketing 12 3 1
MIB303 International Logistics 12 3 2

Organisational Communication (Students without a Communication Major)
COB217 Writing for the Communication Profession 12 3 1* & 2
COB213 Strategic Speech Communication 12 3 1* & 2
COB314 Corporate Writing & Editing 12 3 1 & 2*
COB311 Communication Practice: Interpersonal & Presentational Strategies 12 3 1 & 2*

Organisational Communication (Students with a Communication Major)
COB311 Comm. Practice: Interpersonal & Presentational Strategies 12 3 1 & 2*
COB204 Communication Technology for Organisations 12 3 1 & 2*
COB318 Organisational Communication 12 3 1 & 2
COB314 Corporate Writing & Editing 12 3 1 & 2*

Public Relations (Students without a Communication Major)
COB217 Writing for the Communication Profession 12 3 1* & 2
COB325 Public Relations Theory & Practice 12 3 1 & 2*
COB329 Publicity Methods 12 3 1 & 2*
COB327 Publication Management 12 3 1* & 2

Public Relations (Students with a Communication Major)
COB325 Public Relations Theory & Practice 12 3 1 & 2*
COB329 Publicity Methods 12 3 1 & 2*
COB327 Publication Management 12 3 1* & 2
COB324 Public Relations Issues & Strategic Planning 12 3 1 & 2*

Small Business and Enterprise Development
Please contact the School Administration Officer, School of Management.

Sport & Recreation (All Business Majors)
MIB217 Marketing Management 12 3 1 & 2
MIB218 Marketing Sport & Recreation (even numbered years) 12 3 2
MIB222 Sport & Recreation Industries (odd numbered years) 12 3 1
MIB318 Management of Sport & Recreation (odd numbered years) 12 3 2

Tourism (All Business Majors)
MIB217 Marketing Management 12 3 1 & 2
MIB225 Tourism 12 3 1
MIB314 Tourism Development 12 3 2
MIB226 Tourism Marketing 12 3 2

ACCOUNTANCY COURSE STRUCTURE

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Campus Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMB171 Fitness, Health &amp; Wellness</td>
<td>12</td>
<td>CKG</td>
</tr>
<tr>
<td>LSB131 Anatomy</td>
<td>12</td>
<td>CGP</td>
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<tr>
<td>BSB110 Accounting</td>
<td>12</td>
<td>CGP</td>
</tr>
<tr>
<td>BSB113 Economics</td>
<td>12</td>
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<th>Credit Points</th>
<th>Campus Code</th>
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<tbody>
<tr>
<td>HMB172 Nutrition &amp; Physical Activity</td>
<td>12</td>
<td>CKG</td>
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<tr>
<td>HMB272 Biomechanics</td>
<td>12</td>
<td>CKG</td>
</tr>
<tr>
<td>LSB231 Physiology</td>
<td>12</td>
<td>CGP</td>
</tr>
<tr>
<td>BSB114 Government, Business &amp; Society</td>
<td>12</td>
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<tr>
<td>AYB121 Financial Accounting</td>
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<table>
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<tr>
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<tbody>
<tr>
<td>HMB271 Foundations of Motor Control, Learning &amp; Development</td>
<td>12</td>
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<td>HMB273 Bioenergetics and Muscle Physiology in Exercise</td>
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<td>CKG</td>
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<tr>
<td>HMB274 Functional Anatomy</td>
<td>12</td>
<td>CKG</td>
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<tr>
<td>SSB912 Psychology</td>
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<td>CKG/CGP</td>
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<td>BSB116 Marketing &amp; International Business</td>
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<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Credit Points</th>
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</tr>
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<tbody>
<tr>
<td>HMB275 Exercise &amp; Sports Psychology</td>
<td>12</td>
<td>CKG</td>
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<td>HMB276 Research in Human Movement</td>
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<td>HMB382 Principles of Exercise Prescription</td>
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<td>CKG</td>
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<td>BSB112 Introduction to Electronic Commerce</td>
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<td>CGP</td>
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<tr>
<td>AYB120 Business Law</td>
<td>12</td>
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<th>Credit Points</th>
<th>Campus Code</th>
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<tr>
<td>HMB313 Sociocultural Foundations of Physical Activity</td>
<td>12</td>
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<tr>
<td>HMB379 Disorders of Human Movement</td>
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<tr>
<td>BSB115 Management, People &amp; Organisations</td>
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EFB101 Data Analysis for Business  12  CGP
Business Minor unit  12  CGP

**Year 3, Semester 2**
- HMS Major unit  12  CKG
- HMS Elective/Minor unit  12  CKG
- BSB117 Professional Communication & Negotiation  12  CGP
- Business Minor unit  12  CGP

**Year 4, Semester 1**
- HMS Elective/Minor unit  12  CKG
- HMS Elective/Minor unit  12  CKG
- AYB220 Company Accounting  12  CGP
- AYB225 Management Accounting  12  CGP

**Year 4, Semester 2**
- BSB111 Business Ethics  12  CGP
- AYB301 Auditing  12  CGP
- Business Minor unit  12  CGP
- Business Minor unit  12  CGP

**BANKING & FINANCE COURSE STRUCTURE**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Campus Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMB171 Fitness, Health &amp; Wellness</td>
<td>12</td>
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<tr>
<td>LSB131 Anatomy</td>
<td>12</td>
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</tr>
<tr>
<td>BSB112 Introduction to Electronic Commerce</td>
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<td>CGP</td>
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<tr>
<td>BSB113 Economics</td>
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<thead>
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<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Campus Code</th>
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</thead>
<tbody>
<tr>
<td>HMB172 Nutrition &amp; Physical Activity</td>
<td>12</td>
<td>CKG</td>
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<tr>
<td>HMB272 Biomechanics</td>
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<td>CKG</td>
</tr>
<tr>
<td>LSB231 Physiology</td>
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<td>CGP</td>
</tr>
<tr>
<td>BSB115 Management, People &amp; Organisations</td>
<td>12</td>
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<tr>
<td>EFB102 Economics 2</td>
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<th>Credit Points</th>
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<tbody>
<tr>
<td>HMB271 Foundations of Motor Control, Learning &amp; Development</td>
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<td>CKG</td>
</tr>
<tr>
<td>HMB273 Bioenergetics and Muscle Physiology in Exercise</td>
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<td>CKG</td>
</tr>
<tr>
<td>HMB274 Functional Anatomy</td>
<td>12</td>
<td>CKG</td>
</tr>
<tr>
<td>SSB912 Psychology</td>
<td>12</td>
<td>CKG</td>
</tr>
<tr>
<td>BSB114 Government, Business &amp; Society</td>
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<td>CGP</td>
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<table>
<thead>
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<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Campus Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMB275 Exercise &amp; Sports Psychology</td>
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<td>CKG</td>
</tr>
<tr>
<td>HMB276 Research in Human Movement</td>
<td>12</td>
<td>CKG</td>
</tr>
<tr>
<td>HMB382 Principles of Exercise Prescription</td>
<td>12</td>
<td>CKG</td>
</tr>
<tr>
<td>BSB110 Accounting</td>
<td>12</td>
<td>CGP</td>
</tr>
<tr>
<td>EFB101 Data Analysis for Business</td>
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<th>Year 3, Semester 1</th>
<th>Credit Points</th>
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</thead>
<tbody>
<tr>
<td>HMB313 Sociocultural Foundations of Physical Activity</td>
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<tr>
<td>HMB372 Disorders of Human Movement</td>
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<td>CKG</td>
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<tr>
<td>BSB116 Marketing &amp; International Business</td>
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<td>EFB210 Finance 1</td>
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- Business Minor unit  12  CGP

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<thead>
<tr>
<th>Year 3, Semester 2</th>
<th>Credit Points</th>
<th>Campus Code</th>
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</thead>
<tbody>
<tr>
<td>HMS Major unit</td>
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<td>CKG</td>
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<tr>
<td>HMS Elective/Minor unit</td>
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<td>CKG</td>
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- BSB117 Professional Communication & Negotiation  12  CGP
- Business Minor unit  12  CGP

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<thead>
<tr>
<th>Year 4, Semester 1</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>HMS Elective/Minor unit</td>
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- EFB201 Australian Financial Markets  12  CGP
- EFB307 Finance 2  12  CGP
**Year 4, Semester 2**

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<th>Course Title</th>
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<td>CGP</td>
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<tr>
<td>EFB312</td>
<td>International Finance &amp; Economics</td>
<td>12</td>
<td>CGP</td>
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<tr>
<td></td>
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<tr>
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<td>Business Minor unit</td>
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<td>CGP</td>
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**COMMUNICATION COURSE STRUCTURE**

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<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Campus Code</th>
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<tbody>
<tr>
<td>HMB171</td>
<td>Fitness, Health &amp; Wellness</td>
<td>12</td>
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<tr>
<td>LSB131</td>
<td>Anatomy</td>
<td>12</td>
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<tr>
<td>BSB112</td>
<td>Introduction to Electronic Commerce</td>
<td>12</td>
</tr>
<tr>
<td>BSB115</td>
<td>Management, People &amp; Organisations</td>
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<table>
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<th>Year 1, Semester 2</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>HMB172</td>
<td>Nutrition &amp; Physical Activity</td>
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<td>HMB272</td>
<td>Biomechanics</td>
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<tr>
<td>LSB231</td>
<td>Physiology</td>
<td>12</td>
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<td>BSB114</td>
<td>Government, Business &amp; Society</td>
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<tr>
<td>BSB117</td>
<td>Professional Communication &amp; Negotiation</td>
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<table>
<thead>
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<th>Year 2, Semester 1</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>HMB271</td>
<td>Foundations of Motor Control, Learning &amp; Development</td>
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<td>HMB273</td>
<td>Bioenergetics and Muscle Physiology in Exercise</td>
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<tr>
<td>HMB274</td>
<td>Functional Anatomy</td>
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<td>SSB912</td>
<td>Psychology</td>
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<td>COB217</td>
<td>Writing for the Communication Profession</td>
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<th>Year 2, Semester 2</th>
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<tbody>
<tr>
<td>HMB275</td>
<td>Exercise &amp; Sports Psychology</td>
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<td>HMB276</td>
<td>Research in Human Movement</td>
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<td>HMB382</td>
<td>Principles of Exercise Prescription</td>
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<tr>
<td>BSB110</td>
<td>Accounting</td>
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<td>COB216</td>
<td>Theoretical Perspectives on Communication</td>
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<th>Year 3, Semester 1</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>HMB313</td>
<td>Sociocultural Foundations of Physical Activity</td>
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<tr>
<td>HMB372</td>
<td>Disorders of Human Movement</td>
<td>12</td>
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<tr>
<td>BSB113</td>
<td>Economics</td>
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<td>COB203</td>
<td>Communication Research Methods</td>
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<td>COB213</td>
<td>Strategic Speech Communication</td>
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<td>HMS Elective/Minor unit</td>
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<th>Year 4, Semester 1</th>
<th>Credit Points</th>
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<td>HMS Elective/Minor unit</td>
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<td>BSB116</td>
<td>Marketing &amp; International Business</td>
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<td>COB310</td>
<td>Communication Issues</td>
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<th>Year 4, Semester 2</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>BSB111</td>
<td>Business Ethics</td>
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<tr>
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<td>Business Minor unit</td>
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**ECONOMICS COURSE STRUCTURE**

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<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Campus Code</th>
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<tbody>
<tr>
<td>HMB171</td>
<td>Fitness, Health &amp; Wellness</td>
<td>12</td>
</tr>
<tr>
<td>LSB131</td>
<td>Anatomy</td>
<td>12</td>
</tr>
<tr>
<td>BSB112</td>
<td>Introduction to Electronic Commerce</td>
<td>12</td>
</tr>
<tr>
<td>BSB113</td>
<td>Economics</td>
<td>12</td>
</tr>
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</table>
Year 1, Semester 2
HMB172 Nutrition & Physical Activity 12 CKG
HMB272 Biomechanics 12 CKG
LSB231 Physiology 12 CGP
BSB115 Management, People & Organisations 12 CGP
EFB102 Economics 2 12 CGP

Year 2, Semester 1
HMB271 Foundations of Motor Control, Learning & Development 12 CKG
HMB273 Bioenergetics and Muscle Physiology in Exercise 12 CKG
HMB274 Functional Anatomy 12 CKG
SSB912 Psychology 12 CKG
BSB116 Marketing & International Business 12 CGP

Year 2, Semester 2
HMB275 Exercise & Sports Psychology 12 CKG
HMB276 Research in Human Movement 12 CKG
HMB382 Principles of Exercise Prescription 12 CKG
BSB110 Accounting 12 CGP
EFB101 Data Analysis for Business 12 CGP

Year 3, Semester 1
HMB313 Sociocultural Foundations of Physical Activity 12 CKG
HMB372 Disorders of Human Movement 12 CKG
BSB114 Government, Business & Society 12 CGP
EFB202 Business Cycles & Economic Growth 12 CGP
EFB211 Firms, Markets & Resources 12 CGP

Year 3, Semester 2
HMS Major unit 12 CKG
HMS Elective/Minor unit 12 CKG
EFB305 Current Economic Policy Challenges 12 CGP
EFB314 International Trade & Economic Competitiveness 12 CGP

Year 4, Semester 1
HMS Elective/Minor unit
HMS Elective/Minor unit
BSB117 Professional Communication & Negotiation 12 CGP
Business Minor unit 12 CGP

Year 4, Semester 2
BSB111 Business Ethics 12 CGP
Business Minor unit 12 CGP
Business Minor unit 12 CGP
Business Minor unit 12 CGP

HUMAN RESOURCE MANAGEMENT COURSE STRUCTURE

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Campus Code</th>
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<tbody>
<tr>
<td>1, Semester 1</td>
<td>HMB171 Fitness, Health &amp; Wellness</td>
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<td>LSB131 Anatomy</td>
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<td>CGP</td>
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<tr>
<td></td>
<td>BSB114 Government, Business &amp; Society</td>
<td>12</td>
<td>CGP</td>
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<tr>
<td></td>
<td>BSB115 Management, People &amp; Organisations</td>
<td>12</td>
<td>CGP</td>
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<tr>
<td>1, Semester 2</td>
<td>HMB172 Nutrition &amp; Physical Activity</td>
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<td>CKG</td>
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<tr>
<td></td>
<td>HMB272 Biomechanics</td>
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<td>LSB231 Physiology</td>
<td>12</td>
<td>CGP</td>
</tr>
<tr>
<td></td>
<td>BSB116 Marketing &amp; International Business</td>
<td>12</td>
<td>CGP</td>
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<tr>
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<td>MGB220 Methods &amp; Analysis</td>
<td>12</td>
<td>CGP</td>
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<tr>
<td>2, Semester 1</td>
<td>HMB271 Foundations of Motor Control, Learning &amp; Development</td>
<td>12</td>
<td>CKG</td>
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<td>HMB273 Bioenergetics and Muscle Physiology in Exercise</td>
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<td>CKG</td>
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<td>HMB274 Functional Anatomy</td>
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<td>SSB912 Psychology</td>
<td>12</td>
<td>CKG/CGP</td>
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<tr>
<td></td>
<td>BSB112 Introduction to Electronic Commerce</td>
<td>12</td>
<td>CGP</td>
</tr>
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Year 2, Semester 2
HMB275 Exercise & Sports Psychology 12 CKG
HMB276 Research in Human Movement 12 CKG
HMB382 Principles of Exercise Prescription 12 CKG

Bachelor of Arts (Humanities)/Bachelor of Applied Science (IF86)

Location: Carseldine and Gardens Point campuses
Course Duration: 4 years (8 semesters) full-time
Total Credit Points: 384 [192 credit points in the Bachelor of Arts (Humanities), 192 credit points in the Bachelor of Applied Science]
Course Coordinators:
Humanities: Ms Jane Williamson-Fien
Science: Dr Al Grenfell
Administration Officers:
Humanities: Ms Norma Petersen
Science: Ms Jane Vidgen

Course Requirements for the Bachelor of Arts

Years 1 and 2
Students are required to complete:
☐ Two Faculty of Arts Foundation Units (See List A in the Bachelor of Arts (HU22) course details)
☐ Two to four Course Foundation Units from those on offer within the School of Humanities (See List B in the Bachelor of Arts (HU22) course details)
☐ Two to four Elective Units from Major/Minor Study Sequences (See List C in the Bachelor of Arts (HU22) course details).

Years 3 and 4
Students are required to complete:
Either
☐ Two Major Study Sequences from those offered within the School of Humanities
OR
☐ One Major and One Minor Study Sequence from those offered within the School of Humanities.

Note: A minimum of 12 of the 16 units in the BA component of the double degree must be chosen from those offered within the School of Humanities.

Students who enter the course with advanced standing should discuss their enrolments with the Course Coordinators.

Major/Minor Study Sequences available in the Bachelor of Arts

<table>
<thead>
<tr>
<th>Majors*</th>
<th>Minors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Ethics</td>
<td>European Studies</td>
</tr>
<tr>
<td>Asia Pacific Studies</td>
<td>Indigenous Studies</td>
</tr>
<tr>
<td>Geography and Environmental Studies</td>
<td></td>
</tr>
<tr>
<td>Gender Studies</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Languages (French, German, Indonesian, Japanese, Mandarin**)</td>
<td></td>
</tr>
<tr>
<td>Literary and Cultural Studies</td>
<td></td>
</tr>
<tr>
<td>Political Studies</td>
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<tr>
<td>Sociology</td>
<td></td>
</tr>
</tbody>
</table>

* Any of the Majors may be taken as a Minor Study area.
** Mandarin is available in Intensive Summer Program mode followed by in-country study.
Course Requirements for the Bachelor of Applied Science
Students are required to complete:

- At least six Faculty of Science Core Units, including at least three from List A and at least three units from List B in schedule 1 of the Bachelor of Applied Science course SC01.
- A major study in one of the discipline areas: biochemistry; biotechnology; chemistry; corporate mathematics; ecology; environmental science; geoscience; mathematics; microbiology; physics.
- A comajor study. (In the case of the Bachelor of Arts/Bachelor of Applied Science double degree, no additional units are required since this comajor study is provided by the major study that is undertaken within the School of Humanities.)
- Students must complete at least four units from the SC01 Third Schedule.

Course Structure
Students will undertake the two components of the double degree concurrently.

**Year 1, Semester 1**
- Faculty of Arts Foundation Unit (BA)
- Course Foundation Unit – Major 1 (BA)
- Two Science units selected from the SC01 First Schedules

**Year 1, Semester 2**
- Faculty of Arts Foundation Unit (BA)
- Elective Unit – Major 1 (BA)
- Two Science units selected from the SC01 First Schedules

**Year 2, Semester 1**
- Course Foundation Unit – Major 2 or Minor (BA)
- Course Foundation Unit or Elective Unit – Major 1 (BA)\(^{11}\)
- Two Science units selected from the SC01 First/Second Schedules

**Year 2, Semester 2**
- Course Foundation Unit or Elective Unit – Major 1 (BA)
- Elective Unit – Major 1 (BA)
- Two Science units selected from the SC01 First/Second Schedules

**Year 3, Semester 1**
- Elective Unit – Major 1 (BA)
- Elective Unit – Major 1 (BA)
- Two Science units selected from the SC01 Second Schedule

**Year 3, Semester 2**
- Elective Unit – Major 2 or Minor (BA)
- Elective Unit – Major 2 or Minor (BA)
- Two Science units selected from the SC01 Second or Third schedule

**Year 4, Semester 1**
- Elective Unit – Major 2 or Minor (BA)
- Elective Unit – Major 1/Major 2 or general interest (BA)
- Two Science units selected from the SC01 Second or Third Schedule

**Year 4, Semester 2**
- Elective Unit – Major 1/Major 2 or general interest (BA)
- Elective Unit – Major 2 or General Interest (BA)
- Two Science units selected from the SC01 Third Schedule

For details of Lists A, B and C including possible study sequences in the Bachelor or Arts component, see the Bachelor of Arts (HU22) entry in the Faculty of Arts section.

\(^{11}\) Students completing two Major Study Sequences in the Bachelor of Arts should take only the two Course Foundation Units which lead into their chosen Major Study areas. Students opting to do one Major and one Minor Study sequence in the Bachelor of Arts may take more than two Course Foundation Units but they will need to use their elective options in the final year to complete the requirements of their Major or Minor Study Sequences.
Bachelor of Arts (Humanities)/Bachelor of Business (IF30)

Location: Carseldine and Gardens Point campuses
Course Duration: 4 1/2 years (9 semesters) full-time
Total Credit Points: 432 [192 credit points in the Bachelor of Arts (Humanities), 240 credit points in the Bachelor of Business]
Course Coordinators:
Humanities: Ms Jane Williamson-Fien
Business: Ms Elizabeth McDade

Faculty Advisers:
Humanities: Ms Norma Petersen
Accountancy: Ms Christine Stephens
Banking & Finance and Economics: To be advised
Communication: Ms Marion Tomes
Human Resource Management and Management: To be advised
International Business and Marketing: To be advised

Course Requirements for the Bachelor of Arts

Years 1 and 2
Students are required to complete eight units in total:
- Two Faculty of Arts Foundation Units (See List A in the Bachelor of Arts [HU22] course details)
- Two to four Course Foundation Units from those on offer within the School of Humanities (See List B in the Bachelor of Arts [HU22] course details)
- Two to four Elective Units from Major/Minor Study Sequences (See List C in the Bachelor of Arts [HU22] course details).

Years 3 and 4
Students are required to do a further eight units to complete:
- Either
  - Two Major Study Sequences from those offered within the School of Humanities
- OR
  - One Major and One Minor Study Sequence from those offered within the School of Humanities.

Course Requirements for the Bachelor of Business

Students are required to complete 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 credit point Major in one of the following: Accountancy, Banking & Finance, Communication, Economics, Human Resource Management, International Business, Management or Marketing, as well as a further 72 credit points in which the student must complete one of the following:

   (i) Double Major (six units); or
   (ii) Extended Major (six units); or
   (iii) Specialisation (six units).

It is Faculty of Business policy that a grade of 4 or higher is required in prerequisite units before a student can enrol in further units. Prerequisite requirements are provided in the unit synopsis and it is the student’s responsibility to ensure they are correctly enrolled.

Copies of Faculty of Business Rules and Procedures are available from the Faculty of Business Enquiries Counter at Gardens Point in Z402, or Carseldine in C201. They are also distributed at Faculty orientation to all commencing students.

Major/Minor Study Sequences available in the Bachelor of Arts
The School of Humanities offers a number of Major and Minor Study Sequences:
Majors*  Minors
Applied Ethics  European Studies
Asia Pacific Studies  Indigenous Studies
Geography and Environmental Studies
Gender Studies
History
Languages (French, German, Indonesian, Japanese, Mandarin**)
Literary and Cultural Studies
Political Studies
Sociology

* Any of the Majors may be taken as a Minor Study area.
** Mandarin is available in Intensive Summer Program mode followed by in-country study.

Major Study Sequences available in Bachelor of Business
☐ Accountancy (for students not seeking professional recognition)
☐ Accountancy (for students seeking professional recognition)
☐ Banking and Finance
☐ Communication
☐ Economics
☐ Human Resource Management
☐ International Business (without a Language specialisation)
☐ International Business (with a Language specialisation)
☐ Management
☐ Marketing

Course Structure
Students will undertake the two components of the double degree concurrently.

Year 1, Semester 1
  Faculty of Arts Foundation Unit (BA)
  Course Foundation Unit – Major 1 (BA)
  Two Business Units 12

Year 1, Semester 2
  Faculty of Arts Foundation Unit (BA)
  Elective Unit – Major 1 (BA)
  Two Business Units

Year 2, Semester 1
  Course Foundation Unit – Major 2 or Minor (BA)
  Course Foundation Unit or Elective Unit – Major 1 (BA)13
  Two Business Units

Year 2, Semester 2
  Course Foundation Unit or Elective Unit – Major 1 (BA)
  Elective Unit – Major 1 (BA)
  Two Business Units

Year 3, Semester 1
  Elective Unit – Major 1 (BA)
  Elective Unit – Major 1 (BA)
  Two Business Units

Year 3, Semester 2
  Elective Unit – Major 2 or Minor (BA)
  Elective Unit – Major 2 or Minor (BA)
  Two Business Units

12 The Business units students take will depend on the Major they have selected. For further information on Business majors refer to the Bachelor of Business (BS56) in the Faculty of Business section.
13 Students completing two Major Study Sequences in the BA should take only the two Course Foundation Units which lead into their chosen Major Study areas. Students opting to do one Major and one Minor Study sequence in the BA may take more than two Course Foundation Units but they will need to use their elective options in the final year to complete the requirements of their Major or Minor Study Sequences.
Year 4, Semester 1
Elective Unit – Major 2 or Minor (BA)
Elective Unit – Major 1/Major 2 or general interest (BA)
Two Business Units

Year 4, Semester 2
Elective Unit – Major 1/Major 2 or general interest (BA)
Elective Unit – Major 2 or general interest (BA)
Two Business Units

Year 5, Semester 1
Four Business Units

Bachelor of Arts (Media Studies/Journalism)/Bachelor of Business (IF26)

Location: Gardens Point campus
Course Duration: 8 or 9 semesters (students may choose to complete the course in 9 semesters)
Total Credit Points: 432
Standard Credit Points/Full-Time Semester: 54 (average) for 8 semesters; 48 for 9 semesters.
Course Coordinators:
Arts: Dr Graham Bruce
Business: Ms Elizabeth McDade
Major Coordinators:
Media Studies: Dr Graham Bruce
Journalism: Mr Cratis Hippocrates
Communication: Ms Robina Xavier
International Business: Mr Michael Cox

Course Structure
Students are required to complete 432 credit points comprised of 240 credit points from the Bachelor of Business program and 192 credit points from the Bachelor of Arts program.

Students must complete two Faculty of Arts Foundation units, four School core units and an eight (MES) or ten (JOU) unit major as part of the Arts component. 24 credit points of Arts electives are available in the Media Studies Major only.

Continuing students who commenced their studies in the Media Studies major prior to 1998 should continue their course structure as displayed on the Discipline Coordinator’s noticeboard outside B527, Gardens Point campus, or online at the Media Studies website at http://www.maj.arts.qut.edu.au/courses/homenew.htm.

Students who commenced their studies in the Media Studies major in 1998 or later, should follow the course structure below.

Students must complete the 96 credit point Faculty Core Units in the Business program together with a 72 credit point Major and a further 72 credit points in which the student must complete one of the following:
(i) Double Major (six units); OR
(ii) Extended Major (six units); OR
(iii) Specialisation (six units).

It is Faculty of Business policy that a grade of 4 or higher is required in prerequisite units before a student can enrol in further units. Prerequisite requirements are provided in the unit synopsis and it is the student’s responsibility to ensure that are correctly enrolled.

Copies of Faculty of Business Rules and Procedures are available from the Faculty of Business Enquiries Counter at Gardens Point in Z402, or Carseldine in C201. They are also distributed at Faculty orientation to all commencing students.

Faculty of Arts Foundation Unit List
MJB140 Media & Society
AAB051 Arts in Society
SSB002 Introduction to Human Rights
School of Media & Journalism School Core Unit List
(choose from only those units not already in your major core)
MJB204 Media Industries & Issues
MJB336 New Media Technologies
MJB250 Language & Literature
MJB155 Media Production
MJB111 Media Writing
MJB120 Newswriting
MJB275 Media Legal Issues
MJB314 Media Business

Faculty of Business Core Unit List
BSB110 Accounting
BSB111 Business Ethics
BSB112 Introduction to Electronic Commerce
BSB113 Economics
BSB114 Government, Business & Society
BSB115 Management, People & Organisations
BSB116 Marketing & International Business
BSB117 Professional Communication & Negotiation

Communication Major Core Units
COB203 Communication Research Methods
COB213 Strategic Speech Communication
COB216 Theoretical Perspectives on Communication
COB217 Writing for the Communication Profession
COB309 Applied Communication Research
COB310 Communication Issues

International Business Major Core Units
BSB300 Management, the Firm & International Business
MIB202 Business & the World Economy
MIB203 Comparative Regulatory Systems
MIB211 Globalisation & Business

and any one of the following pairs of Area Study units:
MIB200 Asian Business Development
MIB317 Contemporary Business in Asia
MIB208 European Business Development
MIB300 Contemporary Business in Europe
MIB219 North American Business Development (not offered in 1999)
MIB301 Contemporary Business in North America (not offered in 1999)

For information on the double majors, extended majors and specialisations, refer to the relevant section in the Bachelor of Business (BS56) course entry.

☐ Bachelor of Arts (Media Studies)/Bachelor of Business (Communication)

8 SEMESTER CONCURRENT MODEL

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>BSB112 Introduction to Electronic Commerce</td>
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<tr>
<td>BSB115 Management, People &amp; Organisations</td>
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<tr>
<td>MJB130 Media Text Analysis</td>
<td>Faculty of Arts Foundation Unit</td>
<td>12</td>
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</table>

14 The units HUB331 and HUB600 are to be offered in alternate years. HUB331 is to be offered in odd numbered years and HUB600 is to be offered in even numbers years. Please consult the Faculty of Arts timetable in the relevant semester for confirmation of offering.
### Year 1, Semester 2
- BSB114 Government, Business & Society 12 3
- BSB117 Professional Communication & Negotiation 12 3
- MJB147 Film and Television Genres 12 3
  - School of Media and Journalism Core Unit 12 3

### Year 2, Semester 1
- BSB110 Accounting 12 4
- COB217 Writing for the Communication Profession 12 3
- MJB204 Media Industries and Issues 12 3
- MJB141 Film and Television Language 12 4

### Year 2, Semester 2
- BSB113 Economics 12 3
- COB216 Theoretical Perspectives on Communication 12 3
- MJB336 New Media Technologies 12 3
  - Faculty of Arts Foundation Unit 12

### Year 3, Semester 1
- BSB116 Marketing & International Business 12 3
- COB203 Communication Research Methods 12 3
- COB213 Strategic Speech Communication 12 3
- MJB233 Television Cultures 12 3
- MJB209 Australian Television 12 3

### Year 3, Semester 2
- COB309 Applied Communication Research 12 3
  - School of Media and Journalism Core Unit 12 3
  - Plus ONE of the following Media and Journalism units:
    - MJB305 American Film and Society 12 3
    - MJB346 Australian Documentary: Film & Television 12 3
    - Double Major/Extended Major/Specialisation unit 12
    - Double Major/Extended Major/Specialisation unit 12

### Year 4, Semester 1
- COB310 Communication Issues 12 3
  - Double Major/Extended Major/Specialisation unit 12
  - Double Major/Extended Major/Specialisation unit 12
- MJB343 Australian Film 12 3
  - Arts Elective 12

### Year 4, Semester 2
- BSB111 Business Ethics 12 3
  - Arts Elective 12 3
  - Double Major/Extended Major/Specialisation unit 12
  - Double Major/Extended Major/Specialisation unit 12
  - Plus ONE of the following Media and Journalism units:
    - MJB307 Feminist Media Studies 12 3
    - MJB344 European Cinema 12 3
    - MJB310 Asian & Latin American Cinema 12 3

### 9 Semester Concurrent Model

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<tr>
<td>BSB112 Introduction to Electronic Commerce 12</td>
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<tr>
<td>BSB115 Management, People &amp; Organisations 12</td>
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<tr>
<td>MJB130 Media Text Analysis 12</td>
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<tr>
<td>Faculty of Arts Foundation Unit 12</td>
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</table>

| Year 1, Semester 2 |
| BSB114 Government, Business & Society 12 | 3 |
| BSB117 Professional Communication & Negotiation 12 | 3 |
| MJB147 Film and Television Genres 12 | 3 |
| School of Media and Journalism Core Unit 12 | 3 |

| Year 2, Semester 1 |
| BSB110 Accounting 12 | 4 |
| COB217 Writing for the Communication Profession 12 | 3 |
| MJB204 Media Industries and Issues 12 | 3 |
| MJB141 Film and Television Language 12 | 4 |
### Bachelor of Arts (Media Studies)/Bachelor of Business

(INTERNATIONAL BUSINESS)

**Option 1:** Where NO language units are taken as part of the International Business component.

<table>
<thead>
<tr>
<th>8 SEMESTER CONCURRENT MODEL</th>
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</table>

#### Year 1, Semester 1
- BSB114 Government, Business & Society 12 3
- BSB116 Marketing & International Business 12 3
- MJB130 Media Text Analysis 12 3
  Faculty of Arts Foundation Unit 12

#### Year 1, Semester 2
- BSB113 Economics 12 3
- BSB115 Management, People & Organisations 12 3
- MJB147 Film and Television Genres 12 3
  School of Media and Journalism Core Unit 12

#### Year 2, Semester 1
- BSB110 Accounting 12 4
- BSB112 Introduction to Electronic Commerce 12 3
- MJB204 Media Industries and Issues 12 3
- MJB141 Film and Television Language 12 4
### Year 2, Semester 2
- MIB202 Business and the World Economy 12 3
- MIB211 Globalisation & Business 12 3
- MJB336 New Media Technologies 12 3
  Faculty of Arts Foundation Unit 12

### Year 3, Semester 1
- MIB203 Comparative Regulatory Systems 12 3
- MJB233 Television Cultures 12 3
  Area Study 1 12
  Double Major/Extended Major/Specialisation unit 12
- MJB209 Australian Television 12 3

### Year 3, Semester 2
- BSB117 Professional Communication & Negotiation
  School of Media and Journalism Unit 12 3
- Plus ONE of the following Media and Journalism units:
  - MJB305 American Film and Society 12 3
  - MJB346 Australian Documentary: Film and Television 12 3
    Area Study 2 12
    Double Major/Extended Major/Specialisation unit 12

### Year 4, Semester 1
- BSB111 Business Ethics 12 3
  Double Major/Extended Major/Specialisation unit 12
  Double Major/Extended Major/Specialisation unit 12
- MJB343 Australian Film 12 3
  Arts Elective 12

### Year 4, Semester 2
- BSB300 Management, the Firm & International Business 12 3
  Arts Elective 12
  Double Major/Extended Major/Specialisation unit 12
  Double Major/Extended Major/Specialisation unit 12
- Plus ONE of the following Media and Journalism units:
  - MJB307 Feminist Media Studies 12 3
  - MJB344 European Cinema 12 3
  - MJB310 Asian & Latin American Cinema 12 3

### 9 Semester Concurrent Model

<table>
<thead>
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<th>Credit Points</th>
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</table>

### Year 1, Semester 1
- BSB114 Government, Business & Society 12 3
- BSB116 Marketing & International Business 12 3
- MJB130 Media Text Analysis 12 3
  Faculty of Arts Foundation Unit 12

### Year 1, Semester 2
- BSB113 Economics 12 3
- BSB115 Management, People & Organisations 12 3
- MJB147 Film and Television Genres 12 3
  School of Media and Journalism Core Unit 12

### Year 2, Semester 1
- BSB110 Accounting 12 4
- BSB112 Introduction to Electronic Commerce 12 3
- MJB204 Media Industries and Issues 12 3
- MJB141 Film and Television Language 12 4

### Year 2, Semester 2
- MIB202 Business and the World Economy 12 3
- MIB211 Globalisation & Business 12 3
- MJB336 New Media Technologies 12 3
  Faculty of Arts Foundation Unit 12

### Year 3, Semester 1
- MIB203 Comparative Regulatory Systems 12 3
- MJB233 Television Cultures 12 3
  Area Study 1 12
- MJB209 Australian Television 12 3
### Bachelor of Arts (Media Studies)/Bachelor of Business (International Business)

Option 2: Where the Language specialisation is to be part of the International Business component.

<table>
<thead>
<tr>
<th>8 SEMESTER CONCURRENT MODEL</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
</table>

#### Year 1, Semester 1
- BSB116 Marketing & International Business 12 3
- MJB130 Media Text Analysis 12 3
- Faculty of Arts Foundation Unit 12
- Language 1 12

#### Year 1, Semester 2
- BSB112 Introduction to Electronic Commerce 12 3
- MJB147 Film and Television Genres 12 3
- School of Media and Journalism Core Unit 12
- Language 2 12

#### Year 2, Semester 1
- BSB113 Economics 12 3
- MJB204 Media Industries & Issues 12 3
- MJB141 Film and Television Language 12 4
- Language 3 12

#### Year 2, Semester 2
- MIB202 Business and the World Economy 12 3
- MJB336 New Media Technologies 12 3
- Faculty of Arts Foundation Unit 12
- Language 4 12

#### Year 3, Semester 1
- BSB114 Government, Business & Society 12 3
- MJB233 Television Cultures 12 3
- MJB209 Australian Television 12 3
- Area Study 1 12
- Language 5 OR 12
- International Business Elective Unit 12
Year 3, Semester 2
MIB211  Globalisation & Business  12  3
School of Media and Journalism Core Unit  12  3

plus ONE of the following Media and Journalism Units:
MJB305  American Film and Society  12  3
MJB346  Australian Documentary: Film & Television  12  3
Area Study  12
Language 6 (if Language 5 has been chosen previously) OR  12
MIB205  Cross Cultural Communication & Negotiation  12  3

Year 4, Semester 1
BSB115  Management, People & Organisations  12  3
BSB117  Professional Communication & Negotiation  12  3
MIB203  Comparative Regulatory Systems  12  3
MJB343  Australian Film  12  3
Arts Elective  12

Year 4, Semester 2
BSB110  Accounting  12  4
BSB111  Business Ethics  12  3
BSB300  Management, the Firm & International Business  12  3
Arts Elective  12

plus ONE of the following Media and Journalism units:
MJB307  Feminist Media Studies  12  3
MJB344  European Cinema  12  3
MJB310  Asian & Latin American Cinema  12  3

9 SEMESTER CONCURRENT MODEL

Year 1, Semester 1
BSB116  Marketing & International Business  12  3
MJB130  Media Text Analysis  12  3
Faculty of Arts Foundation Unit  12
Language 1  12

Year 1, Semester 2
BSB112  Introduction to Electronic Commerce  12  3
MJB147  Film and Television Genres  12  3
School of Media and Journalism Core Unit  12
Language 2  12

Year 2, Semester 1
BSB113  Economics  12  3
MJB204  Media Industries and Issues  12  3
MJB141  Film and Television Language  12  4
Language 3  12

Year 2, Semester 2
MIB202  Business and the World Economy  12  3
MJB336  New Media Technologies  12  3
Faculty of Arts Foundation Unit  12
Language 4  12

Year 3, Semester 1
BSB114  Government, Business & Society  12  3
MJB233  Television Cultures  12  3
MJB209  Australian Television  12  3
Language 5 OR  12
International Business Elective  12

Year 3, Semester 2
BSB115  Management, People & Organisations  12  3
School of Media and Journalism Core Unit  12  3

plus ONE of the following Media and Journalism Units:
MJB305  American Film and Society  12  3
MJB346  Australian Documentary: Film and Television  12  3
Language 6 (if Language 5 has been chosen previously) OR  12
MIB205  Cross Cultural Communication & Negotiation  12
Year 4, Semester 1
MIB203 Comparative Regulatory Systems  12  3
MJB343 Australian Film  12  3
  Area Study 1  12
  Arts Elective  12

Year 4, Semester 2
BSB300 Management, the Firm & International Business  12  3
MIB211 Globalisation & Business  12  3
  Area Study 2  12
  plus ONE of the following Media and Journalism units:
  MJB307 Feminist Media Studies  12  3
  MJB344 European Cinema  12  3
  MJB310 Asian & Latin American Cinema  12  3

Year 5, Semester 1
BSB110 Accounting  12  4
BSB111 Business Ethics  12  3
BSB117 Professional Communication & Negotiation  12  3
  Arts Elective  12

☐ Bachelor of Arts (Journalism)/Bachelor of Business (Communication)

8 SEMESTER CONCURRENT MODEL  Credit Points  Contact Hrs/ Wk

Year 1, Semester 1
BSB112 Introduction to Electronic Commerce  12  3
BSB115 Management, People & Organisations  12  3
MJB101 Journalism Information Systems  12  3
MJB120 Newswriting  12  3

Year 1, Semester 2
BSB114 Government, Business & Society  12  3
BSB117 Professional Communication & Negotiation  12  3
MJB121 Journalistic Inquiry  12  3
MJB180 Speech Communication for Journalists  12  3

Year 2, Semester 1
BSB110 Accounting  12  4
COB217 Writing for the Communication Profession  12  3
MJB155 Media Production  12  3
MJB239 Journalism Ethics and Issues  12  3

Year 2, Semester 2
BSB113 Economics  12  3
COB216 Theoretical Perspectives on Communication  12  3
MJB232 Radio and Television Journalism 1  12  3
MJB224 Feature Writing  12  3

Year 3, Semester 1
BSB116 Marketing & International Business  12  3
COB203 Communication Research Methods  12  3
COB213 Strategic Speech Communication  12  3
MJB322 Subediting and Layout  12  3
MJB338 Radio and Television Journalism 2  12  3

Year 3, Semester 2
COB309 Applied Communication Research  12  3
MJB303 News Production  12  3
MJB337 Public Affairs Reporting  12  3
  Double Major/Extended Major/Specialisation unit  12
  Double Major/Extended Major/Specialisation unit  12
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<td>Year 1, Semester 2</td>
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## Bachelor of Arts (Journalism)/Bachelor of Business (International Business)

Option 1: Where NO language units are taken as part of the International Business component.

### 8 SEMESTER CONCURRENT MODEL

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Name</th>
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### 9 SEMESTER CONCURRENT MODEL

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<td>MJB120</td>
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### Year 1, Semester 2
- **BSB113** Economics 12 3
- **BSB115** Management, People & Organisations 12 3
- **MJB121** Journalistic Inquiry 12 3
- **MJB180** Speech Communication for Journalists 12 3

### Year 2, Semester 1
- **BSB110** Accounting 12 4
- **BSB112** Introduction to Electronic Commerce 12 3
- **MJB155** Media Production 12 3
- **MJB239** Journalism Ethics and Issues 12 3

### Year 2, Semester 2
- **MJB202** Business and the World Economy 12 3
- **MJB211** Globalisation & Business 12 3
- **MJB232** Radio and Television Journalism 12 3
- **MJB224** Feature Writing 12 3

### Year 3, Semester 1
- **MIB203** Comparative Regulatory Systems 12 3
- **MJB322** Subediting and Layout 12 3
- **MJB388** Radio and Television Journalism 2 12 3
  - Area Study 1 12

### Year 3, Semester 2
- **BSB111** Business Ethics 12 3
- **MJB303** News Production 12 3
- **MJB337** Public Affairs Reporting 12 3
  - Area Study 2 12

### Year 4, Semester 1
- **BSB117** Professional Communication & Negotiation 12 3
  - Faculty of Arts Foundation Unit 12
  - Double Major/Extended Major/Specialisation unit 12
  - Double Major/Extended Major/Specialisation unit 12

### Year 4, Semester 2
- **BSB300** Management, the Firm & International Business 12 3
- **MJB250** Language and Literature 12 3
  - School of Media and Journalism Core Unit 12
  - Double Major/Extended Major/Specialisation unit 12

### Year 5, Semester 1
- Faculty of Arts Foundation Unit 12
  - Double Major/Extended Major/Specialisation unit 12
  - Double Major/Extended Major/Specialisation unit 12
  - Double Major/Extended Major/Specialisation unit 12

### Bachelor of Arts (Journalism)/Bachelor of Business (International Business)

Option 2: Where the Language specialisation is to be part of the International Business component.

#### 8 SEMESTER CONCURRENT MODEL

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9 SEMESTER CONCURRENT MODEL

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### Bachelor of Arts/Bachelor of Education (Secondary) (IF70)

**Location:** Carseldine, Gardens Point and Kelvin Grove campuses  
**Course Duration:** 4 years full-time  
**Total Credit Points:** 432 [240 credit points in the Bachelor of Arts (Humanities), 192 credit points in the Bachelor of Education]  
**Standard Credit Pts/Full-Time Semester:** 54 (average)  
**Course Coordinators:**  
*Humanities:* Ms Jane Williamson-Fien  
*Education:* Dr Jenny Campbell  
**Humanities Administration Officer:** Ms Norma Petersen  

Course Requirements for the Bachelor of Arts - Years 1, 2 and Year 3 (Semester 1)  
Students are required to complete the following requirements of the BA degree.  

The first year requirements include:  
- Two Faculty of Arts Foundation Units (see List A below)  
- Two to four Course Foundation Units (see List B below)  
- Two to four Elective Units (see List C below)  

AND  

- One approved Humanities 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 16 of the 20 units in the BA component of the Course must be chosen from units offered within the School of Humanities.
Education Units in Years 1, 2 and Year 3 (Semester 1)

Students are also required to complete the following four Education Units in the first five semesters of the course. Students are advised to complete the units in semesters 2 to 5 and not undertake one in Semester 1.

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<th>Offered</th>
<th>Campus</th>
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<td>CPB342</td>
<td>Education in Context</td>
<td>12</td>
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<tr>
<td>LEB335</td>
<td>Human Development and Education</td>
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<td>CAB341</td>
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Approved Study Sequences

The following are approved study sequences in the School of Humanities for the BA/BEd (Secondary):

- English
- Geography
- History
- LOTE (Languages other than English) in French, German, Indonesian, Japanese and Mandarin
- Social Science

Any of the above may be taken as a second teaching area.

In addition, a second teaching area in Film and Media Studies is also available at Gardens Point campus. There are only a limited number of places for this option.

Full-time Course Structure of the Bachelor of Arts / Bachelor of Education (Secondary)

Year 1, Semester 1

- Faculty Foundation Unit
- Course Foundation Unit – 1st Teaching Area
- Course Foundation Unit or Elective
- Elective Unit – 1st Teaching Area

Year 1, Semester 2

- Faculty Foundation Unit
- Course Foundation Unit – 2nd Teaching Area
- Course Foundation Unit or Elective Unit
- Elective Unit – 2nd Teaching Area
- Education Unit

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

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

Year 3, Semester 1

- Other Elective
- Other Elective
- Other Elective
- Other Elective
- Education Unit

Year 3, Semester 2

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<td>PRB343</td>
<td>Secondary Professional Practice 1: Classroom Management</td>
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15 Mandarin is only available in an intensive Summer Program mode followed by in-country study.
PRB344  Secondary Professional Practice 2: Curriculum Decision Making 12  2  CKG
Curriculum Studies 1X21  12  3  CKG
Curriculum Studies 1Y21  12  3  CKG

Year 4, Semester 1
CPB343  Understanding Educational Practices 12  3  CKG
PRB345  Secondary Professional Practice 3: The Inclusive Curriculum 12  2  CKG
Curriculum Studies 2X  12  3  CKG
Curriculum Studies 2Y  12  3  CKG

Year 4, Semester 2
PRB346  Secondary Professional Practice 4: Beginning Teaching 12  3  CKG
Education Studies Elective23  12  3  CKG
Education Studies Elective23  12  3  CKG
Curriculum Studies Elective23  12  3  CKG

Notes
☐ Students can take the ‘Other Electives’ units in their approved study sequences.
☐ Students studying a Language Other Than English will need to amend their enrolment to extend their
LOTE studies into Year 3, semester 2. Students should consult with the Course Coordinator and the
appropriate language coordinator to organise their study program.
☐ Students planning to do the BA component part-time should speak with the Humanities Course
Coordinator.

List A – Faculty of Arts Foundation Units
Students must complete two Faculty of Arts Foundation Units in first year. The following table indicates
the units on offer for 1999 by semester and campus. These units are subject to confirmation by the Faculty.

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<thead>
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<td>HUB331 Asian Identities</td>
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<td>HUB687 Contemporary Moral Issues</td>
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<td>MJB140 Media &amp; Society</td>
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<td>CCA</td>
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<tr>
<td>SSB002 Introduction to Human Rights</td>
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<td>CGP</td>
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List B – Course Foundation Units
Students must complete a minimum of two of the following entry-level units to the various approved study
sequences offered by the School of Humanities. Semester 3 = Summer Program

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<tr>
<td>HUB649 Interpreting the Past</td>
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<td>HUB722 Foundations of Modern Europe</td>
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23 Refer to the Bachelor of Education (Secondary) entry in the Faculty of Education section in the Handbook for details of available units.
Social Science
HUB694  Australian Politics  12 3 1 at  CGA
HUB760  Introduction to Gender Studies  12 3 1  CCA
HUB700  Indigenous Australian Culture Studies  12 3 1  CCA
HUB601  Human Identity and Change  12 3 1  CCA
SSB000  Introduction to Sociology: Australian Perspective  12 3 1  CCA

LOTE: Students wishing to study a language other than English should select one or two of the following. Students will not be allowed to enrol in more than one LOTE unit at the introductory level. Students intending to teach in LOTE must successfully complete LOTE 6 prior to graduation.

Languages
All language teaching in 1999 will be scheduled on the Gardens Point campus, however certain Indonesian units may also be offered at Carseldine subject to enrolment numbers. Students wishing to study a language other than English should select from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Language</th>
<th>Contact Points</th>
<th>Credits</th>
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<tr>
<td>OR HUB652</td>
<td>Indonesian 3 (for students who have completed Year 12 Indonesian or equivalent)</td>
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<td>OR HUB662</td>
<td>Japanese 3 (for students who have completed Year 12 Japanese or equivalent)</td>
<td>12</td>
<td>4</td>
<td>1 &amp; 2</td>
<td></td>
</tr>
<tr>
<td>HUB670</td>
<td>French 1</td>
<td>12</td>
<td>4</td>
<td>1</td>
<td>CGP</td>
</tr>
<tr>
<td>OR HUB672</td>
<td>French 3 (for students who have completed Year 12 French or equivalent)</td>
<td>12</td>
<td>4</td>
<td>1 &amp; 2</td>
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Year 2 (Semester 1 and 2) and Year 3 (Semester 1)
List C: Electives

English

Australian Writing
HUB701  Indigenous Australian Writing  12 3 2  CCA
HUB710  Australian Literature and Culture  12 3 1  CCA
HUB711  Australian Women’s Writing  12 3 2  CCA
HUB712  Australian Children’s & Adolescent Fiction  12 3 2  CCA

World Writing
HUB625  North American Literature  12 3 1  CCA
HUB724  Nineteenth Century English Literature & Culture  12 3 1  CCA
HUB725  Twentieth Century English Literature & Culture  12 3 2  CCA
HUB729  Shakespeare & the Modern World  12 3 2  CCA
HUB730  Gender & Representation  12 3 1  CCA

Advanced Seminar (for 3rd Year and Honours Students)
HUB704  Advanced Seminar in Indigenous Film & Text  12 3 1  CCA

16 This unit will also be offered over the whole year in Flexible Delivery Mode (FDM) subject to sufficient enrolment.
17 This unit may be offered in Second Semester if numbers are sufficient.
18 This unit will be offered in Flexible Delivery Mode (FDM).
19 Intensive 24 credit point unit offered in Summer Program mode only followed by in-country study.
## Geography

Discipline Studies Unit (six units from the following):

### Environment and Resources

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<td>Women, Aid &amp; Development</td>
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<tr>
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### Regional Studies

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<td>3</td>
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### Advanced Seminar (for 3rd Year and Honours students)

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## History

### Modern Histories

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<td>HUB619</td>
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<td>HUB620</td>
<td>The Pacific Since 1945 (not on offer in 1999)</td>
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<tr>
<td>HUB626</td>
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<td>3</td>
<td>2</td>
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<tr>
<td>HUB627</td>
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<td>HUB330</td>
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### Pre Modern Histories

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## Social Science

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<td>2</td>
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<td>3</td>
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<td>HUB683</td>
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<td>HUB752</td>
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\(^{20}\) This unit will be offered in First or Second Semester in 2000.
### Languages

**FRENCH (six units from the following)**

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**GERMAN (six units from the following)**

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**MANDARIN**

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<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Units</th>
<th>Grade Points</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB450</td>
<td>Mandarin for Chinese (not on offer in 1999-2000)</td>
<td>24</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>HUB451</td>
<td>Introductory Mandarin</td>
<td>24</td>
<td>-</td>
<td>3&lt;sup&gt;22&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

<sup>16</sup> This unit will also be offered over the whole year in Flexible Delivery Mode (FDM) subject to sufficient enrolment.

<sup>17</sup> This unit may be offered in Second Semester if numbers are sufficient.

<sup>18</sup> This unit will be offered in Flexible Delivery Mode (FDM).

<sup>20</sup> This unit will be offered in First or Second Semester in 2000.

<sup>21</sup> This unit may be offered in Summer Program if numbers are sufficient.

<sup>22</sup> Intensive 24 credit point unit offered in Summer Program mode only followed by in-country study.
Overseas Units
Note: All LOTE students are encouraged to enrol in overseas units.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Hours/Wk</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB646</td>
<td>International Intensive Program</td>
<td>12</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>HUB647</td>
<td>International Summer School or equivalent</td>
<td>24</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>HUB648</td>
<td>International Semester or equivalent</td>
<td>48</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

■ Bachelor of Arts (Humanities)/Bachelor of Education (Early Childhood) (IF81)

Location: Carseldine, Gardens Point and Kelvin Grove campuses

Course Duration: 4 years full time

Total Credit Points: 384 [192 credit points in the Bachelor of Arts (Humanities), 192 credit points in the Bachelor of Education (Early Childhood)]

Course Coordinator:
Arts: Ms Jane Williamson-Fien
Education: Dr Jenny Campbell

Course Requirements for Bachelor of Arts (Years 1 and 2)
Students are required to complete the following requirements to satisfy the BA component of the degree.

The first year requirements which include:

☐ Two Faculty of Arts Foundation Units (see List A in the Bachelor of Arts [HU22] course details)
☐ Two to four Course Foundation Units from those on offer within the School of Humanities (see List B in the Bachelor of Arts [HU22] course details)
☐ Two to four Elective Units from the Major/Minor Study Sequences selected by the student (A total of 8 units). (For elective units see List C in the Bachelor of Arts [HU22] course details.)

AND

☐ One Major Study Sequence from those offered within the School of Humanities.

Note: A minimum of 12 of the 16 units in the BA must be chosen from those offered within the School of Humanities.

PLUS

☐ One Minor Study Sequence (four units) chosen either from within the School of Humanities or from other Minor Study Sequences offered within QUT. Students can consult with Course Coordinator about the options available. Alternatively, they could develop a Minor Study Sequence by selecting four of the following.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Hours/Wk</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAB918</td>
<td>Arts Foundation Studies</td>
<td>12</td>
<td>3</td>
<td>CKG</td>
</tr>
<tr>
<td>MDB386</td>
<td>Mathematics Foundations</td>
<td>12</td>
<td>3</td>
<td>CKG</td>
</tr>
<tr>
<td>MDB387</td>
<td>Science Foundations</td>
<td>12</td>
<td>3</td>
<td>CKG</td>
</tr>
<tr>
<td>HMB171</td>
<td>Fitness, Health and Wellness</td>
<td>12</td>
<td>3</td>
<td>CKG</td>
</tr>
<tr>
<td>MDB385</td>
<td>Information Technologies in Education</td>
<td>12</td>
<td>3</td>
<td>CKG</td>
</tr>
<tr>
<td>PRB371</td>
<td>Social and Environmental Foundations</td>
<td>12</td>
<td>3</td>
<td>CKG</td>
</tr>
</tbody>
</table>

Major/Minor Study Sequences in the Bachelor of Arts
The School of Humanities offers a number of Major and Minor Study Sequences (All Major Sequences may be taken as Minor sequences)

Refer to the Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.
Major/ Minor Study Sequences available in the Bachelor of Arts

<table>
<thead>
<tr>
<th>Majors</th>
<th>Minors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Ethics</td>
<td>European Studies</td>
</tr>
<tr>
<td>Asia Pacific Studies</td>
<td>Indigenous Studies</td>
</tr>
<tr>
<td>Geography and Environmental</td>
<td></td>
</tr>
<tr>
<td>Studies</td>
<td></td>
</tr>
<tr>
<td>Gender Studies</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Languages (French, German,</td>
<td></td>
</tr>
<tr>
<td>Indonesian, Japanese, Mandarin**</td>
<td></td>
</tr>
<tr>
<td>Literary and Cultural Studies</td>
<td></td>
</tr>
<tr>
<td>Political Studies</td>
<td></td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
</tr>
</tbody>
</table>

** Mandarin is available in Intensive Summer Program mode followed by in-country study.

Full-time Course Structure – Bachelor of Arts

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td></td>
</tr>
<tr>
<td>Faculty Foundation Unit</td>
<td></td>
</tr>
<tr>
<td>Course Foundation Unit (Major)</td>
<td></td>
</tr>
<tr>
<td>Elective or Course Foundation Unit</td>
<td></td>
</tr>
<tr>
<td>Elective Unit (Major)</td>
<td></td>
</tr>
<tr>
<td>Year 1, Semester 2</td>
<td></td>
</tr>
<tr>
<td>Faculty Foundation Unit</td>
<td></td>
</tr>
<tr>
<td>Course Foundation Unit</td>
<td></td>
</tr>
<tr>
<td>Elective or Course Foundation Unit</td>
<td></td>
</tr>
<tr>
<td>Elective Unit (Major)</td>
<td></td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td></td>
</tr>
<tr>
<td>Elective Unit (Major)</td>
<td></td>
</tr>
<tr>
<td>Elective Unit (Major)</td>
<td></td>
</tr>
<tr>
<td>Elective Unit (Minor)</td>
<td></td>
</tr>
<tr>
<td>Elective Unit (Minor)</td>
<td></td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td></td>
</tr>
<tr>
<td>Elective Unit (Major)</td>
<td></td>
</tr>
<tr>
<td>Elective Unit (Major)</td>
<td></td>
</tr>
<tr>
<td>Elective Unit (Minor)</td>
<td></td>
</tr>
<tr>
<td>Elective Unit (Minor)</td>
<td></td>
</tr>
</tbody>
</table>

Note: Students studying a language as their Major need to begin their Educational Studies in Year Two so that they can extend their Language Studies into Year Three. Students should consult with the appropriate Language Coordinator to organise their study programs.

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 3, Semester 1</td>
<td></td>
</tr>
<tr>
<td>CPB342 Education in Context</td>
<td>12</td>
</tr>
<tr>
<td>EAB442 Early Childhood Foundations 1</td>
<td>12</td>
</tr>
<tr>
<td>EAB347 Early Childhood Curriculum: Early Mathematics Explorations</td>
<td>12</td>
</tr>
<tr>
<td>PRB422 Early Childhood Professional Practice 1: Child Care</td>
<td>12</td>
</tr>
<tr>
<td>Year 3, Semester 2</td>
<td></td>
</tr>
<tr>
<td>LEB335 Human Development &amp; Education</td>
<td>12</td>
</tr>
<tr>
<td>EAB345 Early Childhood Curriculum: Language Education</td>
<td>12</td>
</tr>
<tr>
<td>EAB443 Early Childhood Foundations 2</td>
<td>12</td>
</tr>
<tr>
<td>PRB423 Early Childhood Professional Practice 2: Lower Primary</td>
<td>12</td>
</tr>
<tr>
<td>Year 4, Semester 1</td>
<td></td>
</tr>
<tr>
<td>LEB336 Psychology of Learning &amp; Teaching</td>
<td>12</td>
</tr>
<tr>
<td>PRB424 Early Childhood Professional Practice 3: Preschool/Kindergarten</td>
<td>12</td>
</tr>
<tr>
<td>EAB346 Early Childhood Curriculum: Science/Society &amp; the Environment</td>
<td>12</td>
</tr>
<tr>
<td>EAB448 Early Childhood Curriculum: Arts</td>
<td>12</td>
</tr>
<tr>
<td>Year 4, Semester 2</td>
<td></td>
</tr>
<tr>
<td>CPB343 Understanding Educational Practices</td>
<td>12</td>
</tr>
<tr>
<td>EAB413 Management of Early Childhood Services</td>
<td>12</td>
</tr>
<tr>
<td>EAB444 Early Childhood Foundations 3</td>
<td>12</td>
</tr>
<tr>
<td>PRB425 Early Childhood Professional Practice 4: Choice</td>
<td>12</td>
</tr>
</tbody>
</table>
Bachelor of Arts (Humanities)/Bachelor of Education (Primary) (IF82)

**Location:** Carseldine and Kelvin Grove campuses

**Course Duration:** 4 years full time

**Total Credit Points:** 384 [192 credit points in the Bachelor of Arts (Humanities), 192 credit points in the Bachelor of Education (Primary)]

**Course Coordinators:**
- **Arts:** Ms Jane Williamson-Fien
- **Education:** Dr Jenny Campbell

Course Requirements (Years 1 and 2)

Students are required to complete the following requirements to satisfy the BA component of the degree.

The first year requirements which include:

- Two Faculty of Arts Foundation Units (see List A in the Bachelor of Arts [HU22] course details)
- Two to four Course Foundation Units from those on offer within the School of Humanities (see List B in the Bachelor of Arts [HU22] course details)
- Two to four Elective Units from the Major/Minor Study Sequences selected by the student (A total of 8 units). (For elective units see List C in the Bachelor of Arts [HU22] course details.)

AND

- One Major Study Sequence from those offered within the School of Humanities.
  
  Note – A minimum of 12 of the 16 units in the BA must be chosen from those offered within the School of Humanities.

PLUS

- One Minor Study Sequence (four units) chosen either from within the School of Humanities or from other Minor Study Sequences offered within QUT. Students can consult with course coordinators about the options available. Alternatively, they could develop a Minor Study Sequence by selecting four of the following.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Semester Offered</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAB918</td>
<td>Arts Foundation Studies</td>
<td>12</td>
<td>1 &amp; 2</td>
<td>CKG</td>
</tr>
<tr>
<td>MDB386</td>
<td>Mathematics Foundations</td>
<td>12</td>
<td>1 &amp; 2</td>
<td>CKG</td>
</tr>
<tr>
<td>MDB387</td>
<td>Science Foundations</td>
<td>12</td>
<td>1 &amp; 2</td>
<td>CKG</td>
</tr>
<tr>
<td>HMB171</td>
<td>Fitness, Health and Wellness</td>
<td>12</td>
<td>1 &amp; 2</td>
<td>CKG</td>
</tr>
<tr>
<td>MDB385</td>
<td>Information Technologies in Education</td>
<td>12</td>
<td>1 &amp; 2</td>
<td>CKG</td>
</tr>
<tr>
<td>PRB371</td>
<td>Social and Environmental Foundations</td>
<td>12</td>
<td>1 &amp; 2</td>
<td>CKG</td>
</tr>
</tbody>
</table>

Major/ Minor Study Sequences in the Bachelor of Arts

The School of Humanities offers a number of Major and Minor Study Sequences (All Major Sequences may be taken as Minor sequences)

<table>
<thead>
<tr>
<th>Majors</th>
<th>Minors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Ethics</td>
<td>European Studies</td>
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<td>Asia Pacific Studies</td>
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<tr>
<td>Geography and Environmental Studies</td>
<td></td>
</tr>
<tr>
<td>Gender Studies</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Languages (French, German, Indonesian, Japanese, Mandarin**)</td>
<td></td>
</tr>
<tr>
<td>Literary and Cultural Studies</td>
<td></td>
</tr>
<tr>
<td>Political Studies</td>
<td></td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
</tr>
</tbody>
</table>

**Mandarin is available in Intensive Summer Program mode followed by in-country study.**
### Full-time Course Structure - Bachelor of Arts

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Foundation Unit</td>
</tr>
<tr>
<td>Course Foundation Unit (Major)</td>
</tr>
<tr>
<td>Elective or Course Foundation Unit</td>
</tr>
<tr>
<td>Elective Unit (Major)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Foundation Unit</td>
</tr>
<tr>
<td>Course Foundation Unit</td>
</tr>
<tr>
<td>Elective or Course Foundation Unit</td>
</tr>
<tr>
<td>Elective Unit (Major)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective Unit (Major)</td>
</tr>
<tr>
<td>Elective Unit (Major)</td>
</tr>
<tr>
<td>Elective Unit (Minor)</td>
</tr>
<tr>
<td>Elective Unit (Minor)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective Unit (Major)</td>
</tr>
<tr>
<td>Elective Unit (Major)</td>
</tr>
<tr>
<td>Elective Unit (Minor)</td>
</tr>
<tr>
<td>Elective Unit (Minor)</td>
</tr>
</tbody>
</table>

**Note:** Students studying a language as their Major need to begin their Educational Studies in Year Two so that they can extend their Language Studies into Year Three. Students should consult with the appropriate language coordinator to organise their study program.

<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAB342 Language/Mathematics Curriculum 1</td>
</tr>
<tr>
<td>CPB342 Education in Context</td>
</tr>
<tr>
<td>PRB377 Studies of Society &amp; Environment/Health &amp; Physical Education Curriculum 1</td>
</tr>
<tr>
<td>PRB347 Primary Professional Practice 1: Classroom Management</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEB335 Human Development &amp; Education</td>
</tr>
<tr>
<td>AAB914 Visual &amp; Performing Arts Curriculum</td>
</tr>
<tr>
<td>MDB383 Using Information Technologies in the Curriculum</td>
</tr>
<tr>
<td>PRB348 Primary Professional Practice 2: Curriculum Decision Making</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 4, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEB336 Psychology of Learning &amp; Teaching</td>
</tr>
<tr>
<td>PRB349 Primary Professional Practice 3: The Inclusive Curriculum</td>
</tr>
<tr>
<td>PRB385 Studies of Society &amp; Environment/Health &amp; Physical Education Curriculum 2</td>
</tr>
</tbody>
</table>

and either:

<table>
<thead>
<tr>
<th>Year 4, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAB413 Programming &amp; Assessment in Language &amp; Mathematics</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>LAB334 Primary LOTE Curriculum Studies</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 4, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB343 Understanding Educational Practices</td>
</tr>
<tr>
<td>LAB343 Language / Mathematics Curriculum 2</td>
</tr>
<tr>
<td>MDB384 Science Education</td>
</tr>
<tr>
<td>PRB350 Primary Professional Practice 4: Reflective Practice</td>
</tr>
</tbody>
</table>

### Academy of the Arts Majors

- Bachelor of Arts (Dance)/Bachelor of Education (Secondary) (IF75)
- Bachelor of Arts (Drama)/Bachelor of Education (Secondary) (IF76)
- Bachelor of Arts (Visual Arts)/Bachelor of Education (Secondary) (IF78)
- Bachelor of Music/Bachelor of Education (Secondary) (IF77)

**Year 1, Semesters 1 and 2; Year 2, Semesters 1 and 2**

Students will complete 240 credit points in units offered by the Faculty of Arts.
These units will include the 24 credit points Faculty of Arts foundation program and an approved arts major of at least 168 credit points. Dance, Drama and Visual Arts students will undertake approved studies of at least 48 credit points in a second teaching area from units on offer in the Faculty of Arts. Music students have the option of undertaking approved studies of at least 48 credit points in a second teaching area from units on offer in the Faculty of Arts or taking an additional 48 credit points in Music electives.

**Faculty of Education Component**

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 3, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPB342 Education in Context</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAB341 Language Technology &amp; Education</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LEB335 Human Development &amp; Education</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LEB336 Psychology of Learning &amp; Teaching</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 3, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRB343 Secondary Professional Practice 1: Classroom Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PRB344 Secondary Professional Practice 2: Curriculum Decision Making</td>
<td>12</td>
<td>2</td>
</tr>
<tr>
<td>Curriculum Studies 1X</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Curriculum Studies 1Y</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 4, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPB343 Understanding Educational Practices</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PRB345 Secondary Professional Practice 3: The Inclusive Curriculum</td>
<td>12</td>
<td>2</td>
</tr>
<tr>
<td>Curriculum Studies 2X</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Curriculum Studies 2Y</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 4, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education Studies Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Education Studies Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Curriculum Studies Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PRB346 Secondary Professional Practice 4: Beginning Teaching</td>
<td>12</td>
<td>–</td>
</tr>
</tbody>
</table>

**Bachelor of Arts (Dance)/Bachelor of Education (Secondary) (IF75)**

**Location:** Kelvin Grove campus

**Course Duration:** 4 years full-time

**Total Credit Points:** 432

**Course Coordinators:**

*Academy of the Arts:* Kristen Bell

*Education:* Dr Jenny Campbell

<table>
<thead>
<tr>
<th>Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DANCE WITH MINOR OTHER THAN DRAMA</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty Foundation unit (choose one unit from List A)</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>AAB125 Dance Analysis &amp; History 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB171 Dance Styles 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB180 Dance Technique Studies 1</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>Second teaching area unit (List C)</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AAB100 Composition 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB106 Dance Analysis &amp; History 2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB172 Dance Styles 2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB181 Dance Technique Studies 2</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>Second teaching area unit (List C)</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

23 Refer to the Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.
**Year 2, Semester 1**

Faculty Foundation unit (choose one unit from List A) 12

AAB117 Dance in Education 12 3
AAB182 Dance Technique Studies 3 12 7.5
AAB187 Dance Composition 2 6 2
AAX104 Dance Kinesiology & Alignment 12 3

Second teaching area unit (List C)

**Year 2, Semester 2**

AAB114 Dance in Australian Society 12 3
AAB176 Jazz & Popular Dance 12 3
AAB183 Dance Technique Studies 4 12 7.5
AAB188 Dance Composition 3 6 2

Second teaching area unit (List C)

**Years 3 & 4, Semesters 1 & 2**

Refer to beginning of Academy of Arts entry for Faculty of Education component of double degree.

**DANCE WITH MINOR IN DRAMA**

**Year 1, Semester 1**

Faculty Foundation unit (choose one unit from List A) 12 7.5

AAB125 Dance Analysis & History 1 12 3
AAB180 Dance Technique Studies 1 12
AAB171 Dance Styles 1 12 3
AAB208 Elements of Drama 12 3

**Year 1, Semester 2**

AAB100 Composition 1 12 3
AAB106 Dance Analysis & History 2 12 3
AAB114 Dance in Australian Society 12 3
AAB181 Dance Technique Studies 2 12 7.5
AAB257 Acting Studies 1 12 3

**Year 2, Semester 1**

Faculty Foundation unit (choose one unit from List A) 12

AAB117 Dance in Education 12 3
AAB187 Composition 2 6 1.5
AAX104 Dance Kinesiology & Alignment 12 3
AAB214 Process Drama 12 3

Drama Elective (List B Drama, IF76) 12

**Year 2, Semester 2**

AAB188 Dance Composition 3 6 1.5
AAB183 Dance Technique Studies 4 12 6
AAB172 Dance Styles 2 12 3
AAB280 Drama as Social Action 12 3
AAB304 Forming Knowledge 12 3

**Years 3 & 4, Semesters 1 & 2**

Refer to beginning of Academy of Arts entry for Faculty of Education component of double degree.

**DANCE WITH MINOR IN MUSIC**

**Year 1, Semester 1**

Faculty Foundation unit (choose one unit from List A) 12

AAB125 Dance Analysis & History 1 12
AAB171 Dance Styles 1 12
AAB180 Dance Technique Studies 1 12 7.5
AAB632 Core Musicianship 1 12

**Year 1, Semester 2**

AAB100 Composition 1 12 3
AAB106 Dance Analysis & History 2 12 3
AAB114 Dance in Australian Society 12 3
AAB181 Dance Technique Studies 2 12 7.5
AAB633 Core Musicianship 2 12
Year 2, Semester 1
Faculty Foundation unit (choose one unit from List A) 12
AAB117 Dance in Education 12 3
AAB187 Dance Composition 2 6 1.5
AAX104 Dance Kinesiology & Alignment 12 3
AAB621 Sound, Recording & Acoustic Design 12 3
AAB634 Contemporary Musicanship 1 12

Year 2, Semester 2
AAB188 Dance Composition 3 6 1.5
AAB183 Dance Technique Studies 4 12 6
AAB172 Dance Styles 2 12 3
AAB630 Music Textures 12
AAB623 Choral Conducting 12

Years 3 & 4, Semesters 1 & 2
Refer to beginning of Academy of Arts entry for Faculty of Education component of double degree.

List A Faculty of Arts Foundation Units
Refer to List A on page 186 of Bachelor of Arts (Visual Arts)/Bachelor of Education (Secondary) (IF78).

Bachelor of Arts (Drama)/Bachelor of Education (Secondary)
(IF76)

Location: Kelvin Grove campus
Course Duration: 4 years full-time
Total Credit Points: 432
Standard Credit Points/Full-Time Semester: 54 (average). (Note that the minimum enrolment for full-time status varies each year).

Course Coordinators:
Academy of the Arts (Drama): Ms Judith McLean
Education: Dr Jenny Campbell

DRAMA WITH SECOND TEACHING AREA OTHER THAN DANCE AND MUSIC

Full-Time Course Structure Credit Points Contact Hrs/ Wk

Year 1, Semester 1
Faculty Foundation Units (choose two units from List A) 24
AAB208 Elements of Drama 12 3
AAB259 The Performance Instrument: Body & Voice 12 4
Second Teaching Area unit (List C) 12

Year 1, Semester 2
AAB251 Studies in Theatre History 1 12 3
AAB257 Acting Studies 1 12 5
AAB273 Performance 12 5
AAB278 Technical Theatre 12 3
Second Teaching Area unit (List C) 12

Year 2, Semester 1
AAB214 Process Drama 12 3
AAB253 Theatre History 3 – Australian Theatre 12 3
AAB258 Acting Studies 2 12 5
Drama Elective (List B) 12
Second Teaching Area unit (List C) 12

Year 2, Semester 2
AAB271 Studies in Directing 12 3
AAB272 Drama & Community Cultural Development 12 3
AAB280 Drama as Social Action 12 3
AAB304 Forming Knowledge 12 3
Second Teaching Area unit (List C) 12

Years 3 & 4, Semesters 1 & 2
Refer to beginning of Academy of Arts entry for Faculty of Education component of double degree.
**DRAMA WITH SECOND TEACHING AREA IN DANCE**

**Year 1, Semester 1**
- Faculty Foundation Units (choose two units from List A) 24
- AAB180 Dance Technique Studies 1 12 7.5
- AAB208 Elements of Drama 12 3
- AAB259 The Performance Instrument: Body & Voice 12 4

**Year 1, Semester 2**
- AAB100 Composition 1 12 3
- AAB251 Studies in Theatre History 1 12 3
- AAB257 Acting Studies 1 12 5
- AAB273 Performance 12 5
- AAB278 Technical Theatre 12 3

**Year 2, Semester 1**
- AAB117 Dance in Education 12 3
- AAB125 Dance Analysis & History 1 12 3
- AAB214 Process Drama 12 3
- AAB253 Theatre History 3 – Australian Theatre 12 3
- AAB258 Acting Studies 2 12 5

**Year 2, Semester 2**
- AAB106 Dance Analysis & History 2 12 3
- AAB114 Dance in Australian Society 12 3
- AAB272 Drama & Community Cultural Development 12 3
- AAB280 Drama as Social Action 12 3
- AAB304 Forming Knowledge 12 3

**Years 3 & 4, Semesters 1 & 2**
Refer to beginning of Academy of Arts entry for Faculty of Education component of double degree.

**DRAMA WITH SECOND TEACHING AREA IN MUSIC**

**Course Structure**

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**Years 3 & 4, Semesters 1 & 2**
Refer to beginning of Academy of Arts entry for Faculty of Education component of double degree.

**List A. Faculty of Arts Foundation Units**
Refer to List A on page 186 of Bachelor of Arts (Visual Arts)/Bachelor of Education (Secondary) (IF78).
List B: Drama Electives

**Semester 1**
- AAB252 Studies in Theatre History 2 
- AAB275 Reading Performance
- AAB276 Visual Theatre – Design

**Semester 2**
- AAB277 Physical Theatre
- AAB307 Writing for Performance

List C: Second Teaching Area Units
Refer to List C on page 187 of Bachelor of Arts (Visual Arts)/Bachelor of Education (Secondary) (IF78).

■ Bachelor of Music/Bachelor of Education (Secondary) (IF77)

**Location:** Kelvin Grove campus

**Course Duration:** 4 years full-time

**Total Credit Points:** 432

**Course Coordinators:**
- Academy of the Arts: Sue Forster
- Education: Dr Jenny Campbell

**Course Structure**

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<td>AAB637 Contemporary Musicianship 4 (Jazz &amp; Popular)</td>
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| Refer to beginning of Academy of Arts entry for Faculty of Education component of double degree.

^{24} Designated unit.
### CLASSROOM MUSIC SPECIALISATION WITH A SECOND TEACHING AREA IN DANCE

#### Year 1, Semester 1
- AAB180 Dance Technique Studies 1 12 3
- AAB621 Sound, Recording & Acoustic Design 12 3
- AAB632 Core Musicianship 1 12 3
- AAB641 Principal Studies A 12 3
- Faculty Foundation Unit (List A) 12

#### Year 1, Semester 2
- AAB100 Composition 1 12 3
- AAB630 Music Textures 12 3
- AAB633 Core Musicianship 2 12 3
- AAB642 Principal Studies B 12 3
- Faculty Foundation Unit (List A) 12

#### Year 2, Semester 1
- AAB117 Dance in Education 12 3
- AAB125 Dance Analysis & History 1 12 3
- AAB634 Contemporary Musicianship 1 (Art Music) 12 4-6
- OR
- AAB636 Contemporary Musicianship 3 (Cross-Cultural) 12 4-6
- AAB643 Principal Studies C 12 3
- Elective (List B) 12

#### Year 2, Semester 2
- AAB106 Dance Analysis & History 2 12 3
- AAB114 Dance in Australian Society 12 3
- AAB635 Contemporary Musicianship 2 (Sound) 12 4-6
- OR
- AAB637 Contemporary Musicianship 4 (Jazz & Popular) 12 4-6
- AAB644 Principal Studies D 12 3
- Elective (List B) 12

#### Years 3 & 4, Semesters 1 & 2
Refer to beginning of Academy of Arts entry for Faculty of Education component of double degree.

### CLASSROOM MUSIC SPECIALISATION WITH A SECOND TEACHING AREA IN DRAMA

#### Year 1, Semester 1
- AAB208 Elements of Drama 12 3
- AAB621 Sound, Recording & Acoustic Design 12 3
- AAB632 Core Musicianship 1 12 3
- AAB641 Principal Studies A 12 3
- Faculty Foundation Unit (List A) 12

#### Year 1, Semester 2
- AAB257 Acting Studies 12 3
- AAB630 Music Textures 12 3
- AAB633 Core Musicianship 2 12 3
- AAV642 Principal Studies B 12 3
- Faculty Foundation Unit (List A) 12

#### Year 2, Semester 1
- AAB214 Process Drama 12 3
- AAB634 Contemporary Musicianship 1 (Art Music) 12 4-6
- OR
- AAB636 Contemporary Musicianship 3 (Cross-Cultural) 12 4-6
- AAB643 Principal Studies C 12 3
- Elective List B 12
- Drama Elective (List B) (See IF76 Drama List B) 24 12

#### Year 2, Semester 2
- AAB280 Drama as Social Action 12 3
- AAB304 Forming Knowledge 12 3
- AAB635 Contemporary Musicianship 2 (Sound Media) 12 4-6
- AAB644 Principal Studies D 12 3
- Elective List B 12

24 Designated unit.
INTERFACULTY COURSES

185

Years 3 & 4, Semesters 1 & 2
Refer to beginning of Academy of Arts entry for Faculty of Education component of double degree.

CLAS SROOM MUSIC SPECIALISATION WITH A SECOND TEACHING AREA OTHER THAN DRAMA AND DANCE

Year 1, Semester 1
AAB621 Sound, Recording & Acoustic Design  
AAB632 Core Musicianship 1  
AAB641 Principal Studies A  
Faculty Foundation Unit (List A)  
Second Teaching Area Unit (List C)  

Year 1, Semester 2
AAB630 Music Textures  
AAB633 Core Musicianship 2  
AAB642 Principal Studies B  
Faculty Foundation Unit (List A)  
Second Teaching Area Unit (List C)  

Year 2, Semester 1
AAB634 Contemporary Musicianship 1 (Art Music)  
OR  
AAB636 Contemporary Musicianship 3 (Cross-Cultural)  
AAB643 Principal Studies C  
Elective (List B)  
Elective (List B)  
Second Teaching Area (List C)  

Year 2, Semester 2
AAB635 Contemporary Musicianship 2 (Sound Media)  
OR  
AAB637 Contemporary Musicianship 4 (Jazz & Popular)  
AAB644 Principal Studies D  
Elective (List C)  
Second Teaching Area (List C)  

Years 3 & 4, Semesters 1 & 2
Refer to beginning of Academy of Arts entry for Faculty of Education component of double degree.

List A: Faculty of Arts Foundation units
Refer to List A on page 186 of Bachelor of Arts (Visual Arts)/Bachelor of Education (Secondary) (IF78).

List B: Music Electives

Semester 1
AAB616 Ensemble Project 1 (year-long unit)  
AAB617 Choral & Instrumental Arranging  
AAB618 Composition for Film & Television  
AAB621 Studio Recording Techniques  
AAB622 Second Study 1 (year-long unit)  
AAB626 Music & Sound for Multimedia  
AAB628 Second Study 2 (year-long unit)  
AAB629 Ensemble Project 2 (year-long unit)  
AAB631 World Music  
AAB634 Contemporary Musicianship 1 (Art Music)  
AAB636 Contemporary Musicianship 3 (Cross Cultural)  
AAB638 Music at the Movies and in the Theatre  
AAB639 Ensemble Project 3 (year-long unit)  

Semester 2
AAB620 Popular Song Writing  
AAB623 Choral Conducting  
AAB625 Instrumental Conducting  

24 Designated unit.

25 Recommended Elective choices for first year students.
AAB626  Music & Sound for Multimedia
AAB627  Studio Music Teaching  12  3
AAB630  Music Textures  12  3
AAB635  Contemporary Musicianship 2 (Sound Media)  12  4-6
AAB637  Contemporary Musicianship 4 (Jazz & Popular)  12  4-6
AAB640  Sex, Drugs, Rock 'n' Roll (The Interaction of Society & Music of our Time) 25

List C: Second Teaching Area Units
Refer to List C on page 187 of Bachelor of Arts (Visual Arts)/Bachelor of Education (Secondary) (IF78).
Teaching areas are English, History, Geography, LOTE, Film and Media (limited spaces available).

## Bachelor of Arts (Visual Arts)/Bachelor of Education (Secondary) (IF78)

**Location:** Kelvin Grove campus

**Course Duration:** 4 years full-time

**Total Credit Points:** 432

**Standard Credit Points/Full-Time Semester:** 60 in First Semester

**Course Coordinators:**
- **Academy of the Arts (Visual Arts):** Dr David Hawke
- **Education:** Dr Jenny Campbell

### Full-Time Course Structure

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<td>AAB056 Professional Studies</td>
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<td>AAB701 Modernism</td>
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<td>AAB743 Studio Art Practice 2 24</td>
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### List A: Faculty of Arts Foundation Units

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<td>Arts in Society</td>
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<td>HUB331</td>
<td>Asian Identities</td>
<td>12</td>
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<td>HUB687</td>
<td>Contemporary Moral Issues</td>
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<td>MJB140</td>
<td>Media &amp; Society</td>
<td>12</td>
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<td>SSB002</td>
<td>Introduction to Human Rights</td>
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24 Designated unit.

25 Recommended Elective choices for first year students.
List B: Visual Arts Electives

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<td>AAB728</td>
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List C: Second Teaching Area Units

Teaching areas are English, Geography, History, LOTE, Film and Media (limited places available).

<table>
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<th>Credit Points</th>
<th>Semester Offered</th>
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**English (48 credit points)**

Required Unit:
LAB320  Studies in Language  12  1&2

Up to 12 credit points from Introductory Level Units:
MJB140  Media and Society  12  1&2
HUB716  Introduction to Literary and Cultural Studies  12  1

No less than 24 credit points from Advanced Level Units:
LAB321  Writing Workshop  12  1&2
LAB322  Literature in Teaching  12  2
LAB323  Teaching Adolescent Literature  12  2
HUB625  North American Literature  12  1
HUB701  Indigenous Australian Writing  12  2
HUB710  Australian Literature and Culture  12  1
HUB711  Australian Women’s Writing  12  2
HUB712  Australian Children’s and Adolescent Fiction  12  2
HUB724  Nineteenth Century English Literature and Culture  12  1
HUB725  Twentieth Century Literature and Culture  12  2
HUB729  Shakespeare in the Modern World  12  2
HUB730  Gender and Representation  12  1

**History (48 credit points)**

Note: Students should seek to select units from each of areas of Australian, Asian, European and the Ancient World.

Up to 24 credit points from Introductory Units:
HUB649  Interpreting the Past  12  1
HUB610  Approaches to Asia Pacific Studies  12  2
HUB722  Foundations of Modern Europe  12  2

No less than 24 credit points from Advanced Units:
HUB618  Asian Women  12  1
HUB626  Contemporary South East Asia  12  2
HUB721  Classical World – Rome  12  1
HUB682  Social Movements in Australia  12  1
HUB619  Pacific Culture Contact  12  2
HUB629  Modern China  12  2
HUB692  Conspiracy and Dissent in Australian History  12  2
HUB720  Europe Since 1945*  12  3

* Summer Program 1999-2000

**Geography (48 credit points)**

Up to 24 credit points from Introductory Units:
HUB201  The Living Environment  12  1
HUB202  World Regions  12  1
HUB207  Environmental Hazards  12  2
HUB685  Australian Resource Management  12  2

No less than 24 credit points from Advanced Units:
HUB683  Australian Geographical Studies  12  1
HUB612  Modern Indonesian Studies  12  1
HUB626  Contemporary Southeast Asia  12  2
HUB220  Windows on Japan  12  3
Languages other than English (LOTE) (48 credit points)

Note: Second Teaching Areas in LOTE must achieve the Level 6 language unit before beginning Curriculum Studies units in that language. Consequently, students need to begin these studies at Level 3 which requires that the language has been successfully studied to the Higher School Certificate, or that the student has been assessed by the coordinator of those units to be at satisfactory level of competency in that language.

<table>
<thead>
<tr>
<th>Language</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Semester Offered</th>
<th>Campus</th>
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<tr>
<td>Indonesian</td>
<td>HUB652</td>
<td>Indonesian 3</td>
<td>12</td>
<td>1</td>
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<tr>
<td></td>
<td>HUB653</td>
<td>Indonesian 4</td>
<td>12</td>
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<td>HUB654</td>
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<td>1</td>
<td>CGP</td>
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<td>HUB655</td>
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<td>CGP</td>
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<td>Japanese</td>
<td>HUB662</td>
<td>Japanese 3</td>
<td>12</td>
<td>1</td>
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<tr>
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<td>HUB663</td>
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<td>12</td>
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<td>HUB664</td>
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<td>CGP</td>
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<td>HUB665</td>
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<tr>
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<td>HUB673</td>
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<td>HUB674</td>
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<td>HUB675</td>
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<td>German</td>
<td>HUB737</td>
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<td>12</td>
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<tr>
<td></td>
<td>HUB738</td>
<td>German 4</td>
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<td>HUB739</td>
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<td>HUB740</td>
<td>German 6</td>
<td>12</td>
<td>2</td>
<td>CGP</td>
</tr>
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</table>

Film & Media (48 credit points)

Compulsory Unit:
MJB130 Media Text Analysis* 12

36 credit points from advanced units:
MJB155 Media Production 12 2
MJB141 Film and Television Language 12 1
MJB147 Film and Television Genres 12 2
MJB307 Feminist Media Studies 12 2
MJB260 Community and Educational Video 12 2
MJB209 Australian Television 12 1
MJB343 Australian Film 12 1
MJB305 American Film and Society 12 2
MJB336 New Media Technologies 12 2

* Students who have taken ATB100 Texts and Meanings should not take MJB 130 Media Text Analysis, but should instead choose another unit from the above list. Students are recommended to include MJB140 Media and Society as their Faculty Core Unit selection.

All units are taught on Gardens Point campus.

Bachelor of Arts (Humanities)/Bachelor of Laws (IF43)

Location: Carseldine and Gardens Point campus
Course Duration: 5 years full-time
Total Credit Points: 528
Standard Credit Points/Full-Time Semester: 48 (years 1-3), 60 (years 4-5)

Course Coordinators:
Arts: Ms Jane Williamson-Fien
Law: Associate Professor Phillip Tahmindjis

Humanities Administration Officer: Ms Norma Petersen
Course Requirements (Years 1-2)
Students are required to complete the following components of the Bachelor of Arts:

The first year requirements which include

☐ Two Faculty Foundation Units (See List A in the Bachelor of Arts (HU22) entry)
☐ Two to four Course Foundation Units (See List B in the Bachelor of Arts (HU22) entry)
☐ Two to four Elective Units (See List C in the Bachelor of Arts (HU22) entry)

AND either
☐ Two Major Study sequences chosen from those offered within the School of Humanities

OR
☐ One Major Study sequence and One Minor Study sequence from those offered within the School of Humanities.

Students must ensure that:
☐ A minimum of 12 of the 16 units in the Bachelor of Arts component of the course must be chosen from units offered within the School of Humanities.

Major/Minor Study Sequences in the Bachelor of Arts
The School of Humanities offers a number of Major and Minor Study Sequences

<table>
<thead>
<tr>
<th>Majors*</th>
<th>Minors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Ethics</td>
<td>European Studies</td>
</tr>
<tr>
<td>Asia Pacific Studies</td>
<td>Indigenous Studies</td>
</tr>
<tr>
<td>Geography and Environmental Studies</td>
<td></td>
</tr>
<tr>
<td>Gender Studies</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Languages (French, German, Indonesian, Japanese, Mandarin**)</td>
<td></td>
</tr>
<tr>
<td>Literary and Cultural Studies</td>
<td></td>
</tr>
<tr>
<td>Political Studies</td>
<td></td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
</tr>
</tbody>
</table>

* Any of the Majors may be taken as a Minor Study area.
** Mandarin is available in Intensive Summer Program mode followed by in-country study.

COURSE STRUCTURE FOR THE BACHELOR OF ARTS
Full-time Course Structure (two major option)

**Year 1, Semester 1**
- Faculty Foundation Unit
- Course Foundation Unit (Major 1)
- Elective Unit (Major 1)
- Elective Unit (Major 2)

**Year 1, Semester 2**
- Faculty Foundation Unit
- Course Foundation Unit (Major 2)
- Elective Unit (Major 1)
- Elective Unit (Major 2)

**Year 2, Semester 1**
- Elective Unit (Major 1)
- Elective Unit (Major 1)
- Elective Unit (Major 2)
- Elective Unit (Major 2)

**Year 2, Semester 2**
- Elective Unit (Major 1)
- Elective Unit (Major 1)
- Elective Unit (Major 2)
- Elective Unit (Major 2)

Note: Students intending to do two Majors should do only two Course Foundation Units.
Full-time Course Structure (one major, one minor option)

Year 1, Semester 1
- Faculty Foundation Unit
- Course Foundation Unit (Major)
- Course Foundation Unit or Elective Unit
- Elective Unit (Major)

Year 1, Semester 2
- Faculty Foundation Unit
- Course Foundation Unit (Minor)
- Course Foundation Unit or Elective Unit
- Elective Unit (Minor)

Year 2, Semester 1
- Elective Unit (Major)
- Elective Unit (Major)
- Elective Unit (Major)
- Elective Unit (Minor)
- Other Elective

Year 2, Semester 2
- Elective Unit (Major)
- Elective Unit (Major)
- Elective Unit (Minor)

Note: Students studying a language as one of their majors need to take two introductory Law units in Year Two so that they can extend their language study into Year Three.

Year 3, Semester 1
- Introduction to Study in Law
- LWB131/1 Law in Context 12 3
- LWB132/1 Contracts 12 3
- LWB133/1 Torts 12 3
- LWB134 Research & Legal Reasoning 12 3

Year 3, Semester 2
- LWB131/2 Law in Context 12 3
- LWB132/2 Contracts 12 3
- LWB133/2 Torts 12 3
- LWB135 Legislation 12 3

Year 4, Semester 1
- LWB231 Introduction to Public Law 12 3
- LWB232/1 Criminal Law & Procedure 12 3
- LWB233/1 Property 12 3
- LWB234/1 Equity & Trusts 12 3
- LWB332 Commercial & Personal Property Law 12 3

Year 4, Semester 2
- LWB232/2 Criminal Law & Procedure 12 3
- LWB233/2 Property 12 3
- LWB234/2 Equity & Trusts 12 3
- LWB235 Australian Federal Constitutional Law 12 3
- LWB334 Corporate Law 12 3

Year 5, Semester 1
- LWB333 Theories of Law 12 3
- LWB431 Civil Procedure 12 3
- LWB432 Evidence 12 3
- Elective Units26 24

Note: A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units offered by other Faculties or Schools provided pre-requisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.
Year 5, Semester 2
LWB331 Administrative Law 12 3
LWB433 Professional Responsibility 12 3
LWB434 Advanced Research & Legal Reasoning 12 3
Elective Units

Elective Units
For information on the availability of law elective units, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Law section. The offering of elective units in any semester is dependent upon sufficient minimum enrolments in the unit and the availability of staff. The selection of all elective units is subject to the approval of the Associate Dean of the Faculty of Law.

Bachelor of Arts (Journalism/Media Studies)/Bachelor of Laws (IF35)

Location: Gardens Point and Carseldine campuses
Course Duration: 5 years full-time
Total Credit Points: 528
Course Coordinators:
Law: Associate Professor Phillip Tahmindjis
Journalism: Mr Cratis Hippocrates
Media Studies: Dr Graham Bruce

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 this Handbook. For information on the academic requirements of the accrediting bodies recognising study in the Bachelor of Arts component, refer to the section on Professional Recognition in the relevant majors within the Bachelor of Arts course entry.

Credit Points Contact Hrs/ Wk

Arts Faculty Foundation Units
2 from 5 units with none designated by major:
AAB051 Arts in Society 12 3
HUB331 Asian Identities\(^{14}\) 12 3
HUB600 Australian Society and Culture\(^{14}\) 12 3
HUB687 Contemporary Moral Issues 12 3
MJB140 Media and Society 12 3
SSB002 Introduction to Human Rights 12 3

Media and Journalism School Core Units
6 from 8 units with up to 3 designated by major (NB: choose only from those units not already in your Major core):
MJB250 Language and Literature 12 3
MJB204 Media Industries and Issues 12 3
MJB155 Media Production 12 3
MJB111 Media Writing 12 3
MJB336 New Media Technologies 12 3
MJB120 Newswriting 12 3
MJB275 Media Legal Issues 12 3
MJB314 Media Business 12 3

\(^{14}\) The units HUB331 and HUB600 are to be offered in alternate years. HUB331 is to be offered in odd numbered years and HUB600 is to be offered in even numbers years. Please consult the Faculty of Arts timetable in the relevant semester for confirmation of offering.

\(^{26}\) A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units offered by other Faculties or Schools provided pre-requisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.
COURSE STRUCTURE – JOURNALISM MAJOR

Students complete the Faculty of Arts component of this program with two Faculty Foundation units, six School core units and a 10 unit Journalism major.

<table>
<thead>
<tr>
<th>Full-Time Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MJB101 Journalism Information Systems</td>
<td>12</td>
<td>3</td>
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<tr>
<td>MJB120 Newswriting</td>
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<tr>
<td>Faculty of Arts Foundation Unit – Student Choice</td>
<td>12</td>
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</tr>
<tr>
<td>Introduction to Study in Law</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>LWB131/1 Law in Context</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB134 Research &amp; Legal Reasoning</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MJB121 Journalistic Inquiry</td>
<td>12</td>
<td>3</td>
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<tr>
<td>MJB180 Speech Communication for Journalists</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Faculty of Arts Foundation Unit – Student Choice</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>LWB131/2 Law in Context</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB135 Legislation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 2, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MJB239 Journalism Ethics &amp; Issues</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJB224 Feature Writing</td>
<td>12</td>
<td>3</td>
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<tr>
<td>MJB155 Media Production</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB132/1 Contracts</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 2, Semester 2</strong></td>
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<td></td>
</tr>
<tr>
<td>MJB232 Radio &amp; TV Journalism 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJB250 Language &amp; Literature</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJB336 New Media Technologies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB132/2 Contracts</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 3, Semester 1</strong></td>
<td></td>
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</tr>
<tr>
<td>MJB322 Sub-editing &amp; Layout</td>
<td>12</td>
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<td>MJB338 Radio &amp; TV Journalism 2</td>
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</tr>
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<td>LWB133/1 Torts</td>
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<td>3</td>
</tr>
<tr>
<td>LWB232/1 Criminal Law &amp; Procedure</td>
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<td>3</td>
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<td><strong>Year 3, Semester 2</strong></td>
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<tr>
<td>MJB303 News Production</td>
<td>12</td>
<td>3</td>
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<tr>
<td>MJB337 Public Affairs Reporting</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB133/2 Torts</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB232/2 Criminal Law &amp; Procedure</td>
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<td>3</td>
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<td><strong>Year 4, Semester 1</strong></td>
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<td>LWB231 Introduction to Public Law</td>
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<td>LWB233/1 Property</td>
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<td>3</td>
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<tr>
<td>LWB234/1 Equity and Trusts</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB332 Commercial &amp; Personal Property Law</td>
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<td>3</td>
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<tr>
<td>LWB333 Theories of Law</td>
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</tr>
<tr>
<td>LWB233/2 Property</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB234/2 Equity and Trusts</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB235 Australian Federal Constitutional Law</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB334 Corporate Law</td>
<td>12</td>
<td>3</td>
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<tr>
<td>LWB331 Administrative Law</td>
<td>12</td>
<td>3</td>
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<tr>
<td><strong>Year 5, Semester 1</strong></td>
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<td></td>
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<tr>
<td>LWB431 Civil Procedure</td>
<td>12</td>
<td>3</td>
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<tr>
<td>LWB432 Evidence</td>
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<td>3</td>
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<tr>
<td>PLUS select TWO School of Media and Journalism Core Units</td>
<td>24</td>
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<tr>
<td><strong>Year 5, Semester 2</strong></td>
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<tr>
<td>LWB433 Professional Responsibility</td>
<td>12</td>
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LWB434  Advanced Research and Legal Reasoning 12  3
Elective Units 26 24

**Elective Units**

For information on the availability of law elective units, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Laws section. The offering of elective units in any semester is dependent upon sufficient minimum enrolments in the unit and the availability of staff.

**COURSE STRUCTURE - MEDIA STUDIES MAJOR**

Students complete the Faculty of Arts component of this program with two Faculty Foundation units, five School core units and a nine unit Media Studies major.

Continuing students who commenced their studies in the Media Studies major prior to 1998 should continue their course structure as displayed on the Discipline Coordinators noticeboard outside B527, Gardens Point campus, or online at the Media Studies website at http://www.maj.arts.qut.edu.au/courses/homenew.htm.

Students who commenced their studies in the Media Studies major in 1998 or later, should follow the course structure below.

**Full-Time Structure**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>MJB130 Media Text Analysis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJB141 Film and Television Language</td>
<td>12</td>
<td>4</td>
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<tr>
<td>Faculty of Arts Foundation Unit – Student Choice</td>
<td>12</td>
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</tr>
<tr>
<td>Introduction to Study in Law</td>
<td></td>
<td></td>
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<tr>
<td>LWB131/1 Law in Context</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB134 Research and Legal Reasoning</td>
<td>12</td>
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<table>
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<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>MJB147 Film and Television Genres</td>
<td>12</td>
<td>3</td>
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<tr>
<td>School of Media and Journalism Core Unit – Student Choice</td>
<td>12</td>
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<tr>
<td>School of Media and Journalism Core Unit – Student Choice</td>
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<td>LWB131/2 Law in Context</td>
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<td>3</td>
</tr>
<tr>
<td>LWB135 Legislation</td>
<td>12</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>MJB233 Television Cultures</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJB204 Media Industries and Issues</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJB209 Australian Television</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB132/1 Contracts</td>
<td>12</td>
<td>3</td>
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<table>
<thead>
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<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
<tbody>
<tr>
<td>MJB336 New Media Technologies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>School of Media and Journalism Core Unit – Student Choice</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>MJB305 American Film and Society</td>
<td>12</td>
<td>3</td>
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<tr>
<td>OR</td>
<td></td>
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<tr>
<td>MJB346 Australian Documentary: Film and Television</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB132/2 Contracts</td>
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</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>MJB343 Australian Film</td>
<td>12</td>
<td>3</td>
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<tr>
<td>Faculty Foundation Unit – Student Choice</td>
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<td>LWB133/1 Torts</td>
<td>12</td>
<td>3</td>
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<tr>
<td>LWB232/1 Criminal Law and Procedure</td>
<td>12</td>
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<tbody>
<tr>
<td>LWB133/2 Torts</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB232/2 Criminal Law and Procedure</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Plus select TWO of the following three Media and Journalism units:

- MJB307 Feminist Media Studies
- MJB344 European Cinema
- MJB310 Asian and Latin American Cinema

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26 A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units offered by other Faculties or Schools provided pre-requisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.
Year 4, Semester 1
LWB231  Introduction to Public Law 12 3
LWB233/1 Property 12 3
LWB234/1 Equity and Trusts 12 3
LWB332  Commercial & Personal Property 12 3
LWB331  Administrative Law 12 3

Year 4, Semester 2
LWB233/2 Property 12 3
LWB234/2 Equity and Trusts 12 3
LWB235  Australian Federal Constitutional Law 12 3
LWB333  Theories of Law 12 3
LWB334  Corporate Law 12 3

Year 5, Semester 1
LWB431  Civil Procedure 12 3
LWB432  Evidence 12 3
Elective Units

Year 5, Semester 2
LWB433  Professional Responsibility 12 3
LWB432  Advanced Research and Legal Reasoning 12 3
Elective Units

Elective Units

For information on the availability of law elective units, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Laws section. The offering of elective units in any semester is dependent upon sufficient minimum enrolments in the unit and the availability of staff.

Bachelor of Business/Bachelor of Education (Secondary) (IF72)

Location: Gardens point, Carseldine and Kelvin Grove campuses
Course Duration: 4 years full-time
Total Credit Points: 432
Standard Credit Points/Full-Time Semester: 54 (average)

Course Coordinators:
Business: Dr Elizabeth McDade
Education: Dr Jenny Campbell

It is the Faculty of Business policy that a grade of 4 or higher is required in prerequisite units before a student can enrol in further units. Prerequisite requirements are provided in the unit synopsis and it is the students responsibility to ensure they are correctly enrolled.

Copies of Faculty of Business Rules and Procedures are available from the Faculty of Business Enquiries Counter at Gardens Point in Z402, or Carseldine in C201. They are also distributed at Faculty orientation to all commencing students.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Credit points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
</table>

BUSINESS COMPONENT

Year 1, Semester 1
BSB113  Economics 12 3
EFB101  Data Analysis for Business 12 3
BSB110  Accounting 12 4
BSB112  Introduction to Electronic Commerce 12 3

26 A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units offered by other Faculties or Schools provided pre-requisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.
INTERFACULTY COURSES

Year 1, Semester 2
EFB102 Economics 2 12 3
AYB121 Financial Accounting 12 4
BSB114 Government, Business & Society 12 3
BSB116 Marketing & International Business 12 3
One Education Studies unit (see List A)

Year 2, Semester 1
EFB202 Business Cycles & Economic Growth 12 3
EFB211 Firms, Markets & Resources 12 3
AYB220 Company accounting 12 4
AYB221 Computerised Accounting Systems 12 3
One Education Studies unit (see List A)

Year 2, Semester 2
EFB314 International Trade & Economic Competitiveness 12 3
EFB305 Current Economic Policy Challenges 12 3
AYB120 Business Law 12 3
AYB225 Management Accounting 1 4
One Education Studies unit (see List A)

Year 3, Semester 1
AYB301 Auditing 12 3
BSB111 Business Ethics 12 3
BSB115 Management, People & Organisations 12 3
BSB117 Professional Communication & Negotiation 12 3
One Education Studies unit (see List A)

EDUCATION COMPONENT

Year 3, Semester 2
PRB343 Secondary Professional Practice 1: Classroom Management 12 3
PRB344 Secondary Professional Practice 2: Curriculum Decision Making 12 2
Curriculum Studies 1X21 12 3
Curriculum Studies 1Y21 12 3

Year 4, Semester 1
CPB343 Understanding Educational Practices 12 3
PRB345 Secondary Professional Practice 3: The Inclusive Curriculum 12 2
Curriculum Studies 2X21 12 3
Curriculum Studies 2Y21 12 3

Year 4, Semester 2
Education Studies Elective23 12 3
Education Studies Elective23 12 3
PRB346 Secondary Professional Practice 4: Beginning Teaching 12 3
Curriculum Studies Elective21 12 3

List A
Education units are to be taken over the first five semesters of the course.

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Semester Offered</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>CPB342 Education in Context</td>
<td>12</td>
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<tr>
<td>LAB341 Language Technology &amp; Education</td>
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<td>LEB335 Human Development &amp; Education</td>
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<td>1.2</td>
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<tr>
<td>LEB336 Psychology of Learning &amp; Teaching</td>
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<td>1.2</td>
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</table>

**Bachelor of Business/Bachelor of Laws (IF41)**


**Location:** Gardens Point campus (study on other campuses may be required, depending on major selected)

**Course Duration:** 5 years full-time

**Total Credit Points:** 528

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23 Refer to the Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.
Standard Credit Points/Full-Time Semester: 60

Course Coordinators:
Business: Dr Elizabeth McDade
Law: Associate Professor Phillip Tahmindjis

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 this Handbook. For information on the academic requirements of the accrediting bodies recognising study in the Bachelor of Business component, refer to the section on professional recognition in the relevant majors within the Bachelor of Business course entry.

Course Structure
Students supplement the law component of this program with seven Faculty core units and one major consisting of six units and undertaken in the Faculty of Business, selected from the following: Banking and Finance; Communication; Economics; Human resource Management; International Business; Management; or Marketing as well as three extended major/specialisation units. For information on the units within each of the majors, refer to the relevant section in the Bachelor of Business (BS56) course entry.

It is the Faculty of Business policy that a grade of 4 or higher is required in prerequisite units before a student can enrol in further units. Prerequisite requirements are provided in the unit synopsis and it is the students responsibility to ensure they are correctly enrolled.

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BUSINESS MAJORS

BANKING & FINANCE (BKF)

<table>
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<th>Credit Points</th>
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<tr>
<td>BSB112 Introduction to Electronic Commerce</td>
<td>12</td>
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<tr>
<td>BSB113 Economics</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>BSB115 Management, People &amp; Organisation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB131/1 Law in Context</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB134 Research &amp; Legal Reasoning</td>
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<th>Year 1, Semester 2</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>BSB120 Accounting</td>
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<tr>
<td>BSB116 Marketing &amp; International Business</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EFB102 Economics 2</td>
<td>12</td>
<td>3</td>
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<tr>
<td>LWB131/2 Law in Context</td>
<td>12</td>
<td>3</td>
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<tr>
<td>LWB135 Legislation</td>
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<td>3</td>
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<table>
<thead>
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<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
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<td>12</td>
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<tr>
<td>EFB101 Data Analysis for Business/ One approved Extended Major/Specialisation unit</td>
<td>12</td>
<td>3</td>
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<tr>
<td>EFB210 Finance 1</td>
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<td>LWB132/1 Contracts</td>
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<tbody>
<tr>
<td>BSB117 Professional Communication &amp; Negotiation</td>
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<td>EFB307 Finance 2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EFB312 International Finance &amp; Economics</td>
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<td>LWB132/2 Contracts</td>
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</tbody>
</table>

A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units offered by other Faculties or Schools provided pre-requisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.
<table>
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<tr>
<th>Year 3, Semester 1</th>
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<tbody>
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<td>EFB201 Australian Financial Markets</td>
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<td>LEB133/1 Torts</td>
<td>12</td>
</tr>
<tr>
<td>LWB232/1 Criminal Law &amp; Procedure</td>
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<thead>
<tr>
<th>Year 3, Semester 2</th>
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<tbody>
<tr>
<td>EFB101 Data Analysis for Business/</td>
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<tr>
<td>One approved Extended Major/Specialisation unit</td>
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<tr>
<td>LWB133/2 Torts</td>
<td>12</td>
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<tr>
<td>LWB232/2 Criminal Law &amp; Procedure</td>
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<table>
<thead>
<tr>
<th>Year 4, Semester 1</th>
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<tbody>
<tr>
<td>LWB231 Introduction to Public Law</td>
<td>12</td>
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<tr>
<td>LWB233/1 Property</td>
<td>12</td>
</tr>
<tr>
<td>LWB234/1 Equity &amp; Trusts</td>
<td>12</td>
</tr>
<tr>
<td>LWB332 Commercial &amp; Personal Property Law</td>
<td>12</td>
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<tr>
<td>LWB333 Theories of Law</td>
<td>12</td>
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<thead>
<tr>
<th>Year 4, Semester 2</th>
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<tbody>
<tr>
<td>LWB235 Australian Federal Constitutional Law</td>
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<tr>
<td>LWB234/2 Equity &amp; Trusts</td>
<td>12</td>
</tr>
<tr>
<td>LWB334 Corporate Law</td>
<td>12</td>
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<tr>
<td>LWB331 Administrative Law</td>
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<td>LWB431 Civil Procedure</td>
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<td>LWB432 Evidence</td>
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<th>Year 5, Semester 2</th>
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<tbody>
<tr>
<td>LWB433 Professional Responsibility</td>
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<tr>
<td>LWB434 Advanced Research &amp; Legal Reasoning</td>
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<tr>
<td>Elective Units (3)</td>
<td></td>
</tr>
</tbody>
</table>

Extended Major Units in Banking & Finance
IF41 students must complete either:
(a) EFB310 Financial Institutions Control and EFB311 Financial Institutions Lending and AYB312 Financial Institutions Law, OR
(b) EFB308 Finance 3 and EFB318 Portfolio & Security Analysis and one Finance elective to satisfy academic requirements for Senior Associate Membership of the Australian Institute of Banking and Finance (AIBF).

COMMUNICATION (CMU)

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
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<tbody>
<tr>
<td>BSB114 Government, Business &amp; Society</td>
<td>12</td>
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<tr>
<td>BSB115 Management, People &amp; Organisations</td>
<td>12</td>
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<tr>
<td>BSB117 Professional Communication &amp; Negotiation</td>
<td>12</td>
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<tr>
<td>Introduction to Study in Law</td>
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</tr>
<tr>
<td>LWB131/1 Law in Context</td>
<td>12</td>
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<tr>
<td>LWB134 Research &amp; Legal Reasoning</td>
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<thead>
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<tbody>
<tr>
<td>BSB110 Accounting</td>
<td>12</td>
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<tr>
<td>COB213 Strategic Speech Communication</td>
<td>12</td>
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<tr>
<td>COB217 Writing for Communication Profession</td>
<td>12</td>
</tr>
<tr>
<td>LWB131/2 Law in Context</td>
<td>12</td>
</tr>
<tr>
<td>LWB135 Legislation</td>
<td>12</td>
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</tbody>
</table>

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### Year 2, Semester 1
- **BSB112** Introduction to Electronic Commerce 12 3
- **BSB116** Marketing & International Business 12 3
- **COB216** Theoretical Perspectives on Communication 12 3
- **LWB132/1** Contracts 12 3

### Year 2, Semester 2
- **BSB113** Economics 12 3
- **COB203** Communication Research Methods 12 3
- **LWB132/2** Contracts 12 3

### Year 3, Semester 1
- **COB309** Applied Communication Research 12 3
- **LWB133/1** Torts 12 3
- **LWB232/1** Criminal Law & Procedure 12 3

### Year 3, Semester 2
- **COB310** Communication Issues 12 3
- **LWB133/2** Torts 12 3
- **LWB232/2** Criminal Law & Procedure 12 3

### Year 4, Semester 1
- **COB309** Applied Communication Research 12 3
- **LWB332** Commercial & Personal Property Law 12 3
- **LWB333** Theories of Law 12 3

### Year 4, Semester 2
- **COB310** Communication Issues 12 3
- **LWB333** Theories of Law 12 3

### Year 5, Semester 1
- **COB310** Communication Issues 12 3
- **LWB334** Corporate Law 12 3
- **LWB331** Administrative Law 12 3

### Year 5, Semester 2
- **LWB433** Professional Responsibility 12 3
- **LWB434** Advanced Research & Legal Reasoning 12 3

### ECONOMICS (ECO)

### Year 1, Semester 1
- **BSB100** Accounting 12 4
- **BSB110** Economics 12 3
- **BSB113** Management, People & Organisations 12 3
- **BSB115** Introduction to Study in Law 12 3
- **LWB131/1** Law in Context 12 3
- **LWB134** Research & Legal Reasoning 12 3

### Year 1, Semester 2
- **BSB112** Introduction to Electronic Commerce 12 3
- **BSB116** Marketing & International Business 12 3
- **EFB102** Economics 2 12 3
- **LWB131/2** Law in Context 12 3
- **LWB135** Legislation 12 3

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**Extended Major/Specialisation Units for the Bachelor of Business:** All Extended Major/Specialisation units are valued at 12 credit points and will normally involve at least 3 contact hours per week. For information regarding units on offer, refer to the BS56 Course Summary Sheet, or contact your School Administration Officer, in the Faculty of Business.
### Year 2, Semester 1

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EFB101</td>
<td>Data Analysis for Business</td>
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</tr>
<tr>
<td>EFB202</td>
<td>Business Cycles &amp; Economic Growth</td>
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<tr>
<td>EFB211</td>
<td>Firms, Markets &amp; Resources</td>
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### Year 2, Semester 2

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<td>EFB305</td>
<td>Current Economic Policy Challenges</td>
<td>12</td>
</tr>
<tr>
<td>EFB314</td>
<td>International Trade &amp; Economic Competitiveness</td>
<td>12</td>
</tr>
<tr>
<td>LWB132/2</td>
<td>Contracts</td>
<td>12</td>
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### Year 3, Semester 1

<table>
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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>BSB114</td>
<td>Government, Business &amp; Society</td>
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<tr>
<td>LWB133/1</td>
<td>One approved Extended Major/Specialisation unit</td>
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<tr>
<td>LWB252/1</td>
<td>Criminal Law &amp; Procedure</td>
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### Year 3, Semester 2

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<tr>
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<td>Criminal Law &amp; Procedure</td>
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### Year 4, Semester 1

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<td>Introduction to Public Law</td>
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<td>LWB233/1</td>
<td>Property</td>
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</tr>
<tr>
<td>LWB234/1</td>
<td>Equity &amp; Trusts</td>
<td>12</td>
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<td>LWB332</td>
<td>Commercial &amp; Personal Property Law</td>
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<td>LWB333</td>
<td>Theories of Law</td>
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### Year 4, Semester 2

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<td>Property</td>
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</tr>
<tr>
<td>LWB234/2</td>
<td>Equity &amp; Trusts</td>
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<td>LWB334</td>
<td>Corporate Law</td>
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<td>LWB331</td>
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### Year 5, Semester 1

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<td>LWB431</td>
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<td>LWB432</td>
<td>Evidence</td>
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### Year 5, Semester 2

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<tr>
<td>LWB434</td>
<td>Advanced Research &amp; Legal Reasoning</td>
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### Extended Major in Advanced Economic Analysis

(If 41 students only need to complete three of the following units to meet course requirements).

<table>
<thead>
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<th>Course Title</th>
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<td>Applied Regression Analysis</td>
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<tr>
<td>EFB207</td>
<td>Development of Economic Thought</td>
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</tr>
<tr>
<td>EFB209</td>
<td>Environmental Economics: Issues &amp; Policy</td>
<td>12</td>
</tr>
<tr>
<td>EFB213</td>
<td>Introduction to Analytical Techniques for Business</td>
<td>12</td>
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<tr>
<td>EFB214</td>
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<tr>
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27 *Extended Major/Specialisation Units for the Bachelor of Business:* All Extended Major/Specialisation units are valued at 12 credit points and will normally involve at least 3 contact hours per week. For information regarding units on offer, refer to the BS56 Course Summary Sheet, or contact your School Administration Officer, in the Faculty of Business.
## HUMAN RESOURCE MANAGEMENT (HRM)

### Year 1, Semester 1
- **BSB110** Accounting 12 4
- **BSB114** Government, Business & Society 12 3
- **BSB115** Management, People & Organisations 12 3
- Introduction to Study in Law
- **LWB131/1** Law in Context 12 3
- **LWB134** Research & Legal Reasoning 12 3

### Year 1, Semester 2
- **BSB117** Professional Communication & Negotiation 12 3
- **BSB112** Introduction to Electronic Commerce 12 3
- **MGB220** Methods & Analysis 12 3
- **LWB131/2** Law in Context 12 3
- **LWB135** Legislation 12 3

### Year 2, Semester 1
- **BSB116** Marketing & International Business 12 3
- **MGB207** Managing Human Resources 12 3
- **MGB211** Organisational Behaviour 12 3
- **LWB132/1** Contracts 12 3

### Year 2, Semester 2
- **BSB113** Economics 12 3
- Two approved Extended Major/Specialisation units27
- **LWB132/2** Contracts 12 3

### Year 3, Semester 1
- **MGB221** Work & Performance 12 3
- One approved Extended Major/Specialisation unit27
- **LWB133/1** Torts 12 3
- **LWB232/1** Criminal Law & Procedure 12 3

### Year 3, Semester 2
- **MGB320** Recruitment & Selection 1 12 3
- **MGB331** Training & Development 1 12 3
- **LWB133/2** Torts 12 3
- **LWB232/2** Criminal Law & Procedure 12 3

### Year 4, Semester 1
- **LWB231** Introduction to Public Law 12 3
- **LWB233/1** Property 12 3
- **LWB234/1** Equity & Trusts 12 3
- **LWB332** Commercial & Personal Property Law 12 3
- **LWB333** Theories of Law 12 3

### Year 4, Semester 2
- **LWB235** Australian Federal Constitutional Law 12 3
- **LWB233/2** Property 12 3
- **LWB234/2** Equity & Trusts 12 3
- **LWB334** Corporate Law 12 3
- **LWB331** Administrative Law 12 3

### Year 5, Semester 1
- **LWB431** Civil Procedure 12 3
- **LWB432** Evidence 12 3
- Elective Units (3)

### Year 5, Semester 2
- **LWB433** Professional Responsibility 12 3
- **LWB434** Advanced Research & Legal Reasoning 12 3
- Elective Units (3)

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27 **Extended Major/Specialisation Units for the Bachelor of Business**: All Extended Major/Specialisation units are valued at 12 credit points and will normally involve at least 3 contact hours per week. For information regarding units on offer, refer to the BS56 Course Summary Sheet, or contact your School Administration Officer, in the Faculty of Business.
# INTERFACULTY COURSES

## INTERNATIONAL BUSINESS (INB)

### Year 1, Semester 1
- **BSB110** Accounting 12 4
- **BSB116** Marketing & International Business 12 3
- **BSB115** Management, People & Organisations 12 3
  - Introduction to Study in Law
- **LWB131/1** Law in Context 12 3
- **LWB134** Research & Legal Reasoning 12 3

### Year 1, Semester 2
- **BSB117** Professional Communication & Negotiation 12 3
- **BSB114** Government, Business & Society 12 3
- **BSB113** Economics 12 3
- **LWB131/2** Law in Context 12 3
- **LWB135** Legislation 12 3

### Year 2, Semester 1
- **BSB112** Introduction to Electronic Commerce 12 3
- **MIB203** Comparative Regulatory Systems 12 3
  - International Business Area Study 1
- **LWB132/1** Contracts 12 3

### Year 2, Semester 2
- **MIB202** Business & the World Economy 12 3
- **MIB211** Globalisation & Business 12 3
  - International Business Area Study 2
- **LWB132/2** Contracts 12 3

### Year 3, Semester 1
- Two approved Extended Major/Specialisation units
  - **LWB133/1** Torts 12 3
  - **LWB232/1** Criminal Law & Procedure 12 3

### Year 3, Semester 2
- **BSB300** Management, the Firm & International Business 12 3
  - One approved Extended Major/Specialisation unit
  - **LWB133/2** Torts 12 3
  - **LWB232/2** Criminal Law & Procedure 12 3

### Year 4, Semester 1
- **LWB231** Introduction to Public Law 12 3
- **LWB233/1** Property 12 3
- **LWB234/1** Equity & Trusts 12 3
- **LWB332** Commercial & Personal Property Law 12 3
- **LWB333** Theories of Law 12 3

### Year 4, Semester 2
- **LWB235** Australian Federal Constitutional Law 12 3
- **LWB233/2** Property 12 3
- **LWB234/2** Equity & Trusts 12 3
- **LWB334** Corporate Law 12 3
- **LWB331** Administrative Law 12 3

### Year 5, Semester 1
- **LWB431** Civil Procedure 12 3
- **LWB432** Evidence 12 3
  - Elective Units (3)

### Year 5, Semester 2
- **LWB433** Professional Responsibility 12 3
- **LWB434** Advanced Research & Legal Reasoning 12 3
  - Elective Units (3)

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27 **Extended Major/Specialisation Units for the Bachelor of Business**: All Extended Major/Specialisation units are valued at 12 credit points and will normally involve at least 3 contact hours per week. For information regarding units on offer, refer to the BS56 Course Summary Sheet, or contact your School Administration Officer, in the Faculty of Business.
Area Study units for the International Business Major
Students must select one of the following pairs of area study units:

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<thead>
<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>MIB200</td>
<td>Asian Business Development</td>
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<td>MIB317</td>
<td>Contemporary Business in Asia</td>
<td>12</td>
<td>3</td>
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<td>MIB208</td>
<td>European Business Development</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MIB300</td>
<td>Contemporary Business in Europe</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MIB219</td>
<td>North American Business Development (not offered in 1999)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MIB301</td>
<td>Contemporary Business in North America (not offered in 1999)</td>
<td>12</td>
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</table>

**MANAGEMENT (MAN)**

**Year 1, Semester 1**
- BSB110 Accounting                                      12            | 4             |
- BSB114 Government, Business & Society                  12            | 3             |
- BSB115 Management, People & Organisations              12            | 3             |
- Introduction to Study in Law                           |
- LWB131/1 Law in Context                                12            | 3             |
- LWB134 Research & Legal Reasoning                      12            | 3             |

**Year 1, Semester 2**
- BSB112 Introduction to Electronic Commerce             12            | 3             |
- BSB117 Professional Communication & Negotiation        12            | 3             |
- MGB220 Methods & Analysis                              12            | 3             |
- LWB131/2 Law in Context                                12            | 3             |
- LWB135 Legislation                                     12            | 3             |

**Year 2, Semester 1**
- BSB116 Marketing & International Business              12            | 3             |
- MGB207 Managing Human Resources                        12            | 3             |
- MGB211 Organisational Behaviour                        12            | 3             |
- LWB132/1 Contracts                                     12            | 3             |

**Year 2, Semester 2**
- BSB113 Economics                                       12            | 3             |
- Two approved Extended Major/Specialisation units
- LWB132/2 Contracts                                     12            | 3             |

**Year 3, Semester 1**
- MGB210 Operations, Production & Service Management     12            | 3             |
- MGB303 Entrepreneurship                                12            | 3             |
- LWB133/1 Torts                                         12            | 3             |
- LWB232/1 Criminal Law & Procedure                      12            | 3             |

**Year 3, Semester 2**
- MGB309 Strategic Management                            12            | 3             |
- One approved Extended Major/Specialisation unit
- LWB133/2 Torts                                         12            | 3             |
- LWB232/2 Criminal Law & Procedure                      12            | 3             |

**Year 4, Semester 1**
- LWB231 Introduction to Public Law                      12            | 3             |
- LWB233/1 Property                                      12            | 3             |
- LWB234/1 Equity & Trusts                               12            | 3             |
- LWB332 Commercial & Personal Property Law              12            | 3             |
- LWB333 Theories of Law                                 12            | 3             |

**Year 4, Semester 2**
- LWB235 Australian Federal Constitutional Law           12            | 3             |
- LWB233/2 Property                                      12            | 3             |
- LWB234/2 Equity & Trusts                               12            | 3             |
- LWB334 Corporate Law                                   12            | 3             |
- LWB331 Administrative Law                              12            | 3             |

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27 Extended Major/Specialisation Units for the Bachelor of Business: All Extended Major/Specialisation units are valued at 12 credit points and will normally involve at least 3 contact hours per week. For information regarding units on offer, refer to the BS56 Course Summary Sheet, or contact your School Administration Officer, in the Faculty of Business.
### MARKETING (MKG)

#### Year 1, Semester 1
- BSB113 Economics  
- BSB115 Management, People & Organisations  
- BSB116 Marketing & International Business  
- LWB131/1 Law in Context  
- LWB134 Research & Legal Reasoning  
- LWB135 Legislation  
- MIB204 Consumer Behaviour  
- EFB101 Data Analysis for Business  
- LWB132/1 Contracts  

#### Year 2, Semester 1
- BSB114 Government, Business & Society  
- MIB205 Consumer Behaviour  
- EFB102 Data Analysis for Business  
- LWB133/1 Torts  
- LWB133/2 Torts  
- LWB232/1 Criminal Law & Procedure  
- LWB232/2 Criminal Law & Procedure  

#### Year 3, Semester 2
- MIB315 Strategic Marketing  
- LWB133/2 Torts  
- LWB232/2 Criminal Law & Procedure  

#### Year 4, Semester 1
- LWB231 Introduction to Public Law  
- LWB232/1 Property  
- LWB234/1 Equity & Trusts  
- LWB332 Commercial & Personal Property Law  
- LWB333 Theories of Law  

#### Year 4, Semester 2
- LWB235 Australian Federal Constitutional Law  
- LWB233/2 Property  
- LWB234/2 Equity & Trusts  
- LWB334 Corporate Law  
- LWB331 Administrative Law  

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**Extended Major/Specialisation Units for the Bachelor of Business:** All Extended Major/Specialisation units are valued at 12 credit points and will normally involve at least 3 contact hours per week. For information regarding units on offer, refer to the BS56 Course Summary Sheet, or contact your School Administration Officer, in the Faculty of Business.
Elective units

In order to complete the requirements for the Bachelor of Laws program a student is required to complete 48 credit points of elective units. In order to gain professional accreditation for their Bachelor of Business course, students may need to fully complete an extended major or specialised field of study by availing themselves of the opportunity to complete the additional business units as elective units within the Bachelor of Laws component of the course program. A student may undertake elective units offered by other Faculties but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units or courses a student must demonstrate that the units selected form a coherent program and must obtain the approval of the Course Coordinator.

Bachelor of Business (Accountancy)/Bachelor of Laws (IF37)

**Location:** Gardens Point campus

**Course Duration:** 5 years full-time

**Total Credit Points:** 544

**Standard Credit Points:**

- Semester 1-5: 60
- Semesters 6-10: 48

**Course Coordinators:**
- **Business:** Ms Elizabeth McDade
- **Law:** Associate Professor Phillip Tahmindjis

**Major Coordinator:**
- **Business:** Professor Peter Little

**Professional Recognition**

The combined Accountancy/Law degree satisfies the academic requirements of the Institute of Chartered Accountants in Australia and the Australian Society of Certified Practising Accountants. 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.

It is the Faculty of Business policy that a grade of 4 or higher is required in prerequisite units before a student can enrol in further units. Prerequisite requirements are provided in the unit synopsis and it is the students responsibility to ensure they are correctly enrolled.

Copies of Faculty of Business Rules and Procedures are available from the faculty of Business Enquiries Counter at Gardens Point in Z402, or Carseldine in C201. They are also distributed at Faculty orientation to all commencing students.

**Pre-1996 Students**

Students who commenced prior to 1996 should contact the School Administration Officer in the School of Accountancy for a detailed course structure.

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSB110 Accounting</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>BSB113 Economics I</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>BSB114 Government, Business &amp; Society</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Study in Law</td>
<td></td>
<td></td>
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<tr>
<td>LWB131/1 Law in Context</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB134 Research &amp; Legal Reasoning</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
**Year 1, Semester 2**  
AYB121  Financial Accounting 12 4  
BSB112  Introduction to Electronic Commerce 12 3  
EFB101  Data Analysis for Business 12 3  
LWB131/2  Law in Context 12 3  
LWB135  Legislation 12 3  

**Year 2, Semester 1**  
AYB220  Company Accounting 12 4  
AYB221  Computerised Accounting Systems 12 3  
EFB102  Economics 1 12 3  
LWB132/1  Contracts 12 3  
LWB133/1  Torts 12 3  

**Year 2, Semester 2**  
AYB225  Management Accounting 1 12 4  
BSB115  Management, People & Organisations 12 3  
EFB210  Finance 1 12 4  
LWB132/2  Contracts 12 3  
LWB133/2  Torts 12 3  

**Year 3, Semester 1**  
AYB301  Auditing 12 3  
BSB116  Marketing & International Business 12 3  
BSB117  Professional Communication & Negotiation 12 3  
LWB231  Introduction to Public Law 12 3  
LWB232/1  Criminal Law & Procedure 12 3  

**Year 3, Semester 2**  
AYB311  Financial Accounting Theory 12 3  
OR  
AYB321  Management Accounting Theory 12 3  
LWB232/2  Criminal Law & Procedure 12 3  
LWB235  Australian Federal Constitutional Law 12 3  
LWB366  Law of Commercial Entities 8 2  

**Year 4, Semester 1**  
LWB233/1  Property 12 3  
LWB234/1  Equity & Trusts 12 3  
LWB332  Commercial & Personal Property Law 12 3  
LWB333  Theories of Law 12 3  

**Year 4, Semester 2**  
LWB233/2  Property 12 3  
LWB234/2  Equity & Trusts 12 3  
LWB331  Administrative Law 12 3  
LWB334  Corporate Law 12 3  

**Year 5, Semester 1**  
LWB364  Introduction to Taxation Law 12 3  
LWB431  Civil Procedure 12 3  
LWB432  Evidence 12 3  
Elective Units\(^{28}\) 16  

**Year 5, Semester 2**  
LWB359  Advanced Taxation Law 8 2  
LWB433  Professional Responsibility 12 3  
LWB434  Advanced Research & Legal Reasoning 12 3  
Elective Units\(^{28}\) 16  

**Elective Units**  
For availability of law elective units, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Law section. The offering of elective units in any semester is dependent upon sufficient minimum  

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\(^{28}\) A student is required to complete 32 credit points of elective units. A student may undertake, as electives, units offered by other Faculties or Schools but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.
enrolments in the unit and the availability of staff. The selection of all elective units is subject to the approval of the Dean of the Faculty of Law.

**Year 5, Semester 1**

<table>
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<th>Course</th>
<th>Code</th>
<th>Credits</th>
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<tr>
<td>Project</td>
<td>IFB880/1</td>
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<tr>
<td>Information Issues &amp; Values</td>
<td>ITB330</td>
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<tr>
<td>Spatial Information Science 3</td>
<td>PSB344</td>
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<td>Elective Units</td>
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**Year 5, Semester 2**

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<tr>
<td>Project</td>
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<td>Land Administration 3</td>
<td>PSB317</td>
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<td>Land Studies 2</td>
<td>PSB324</td>
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<tr>
<td>Professional Practice</td>
<td>PSB338</td>
<td>6</td>
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<td>Spatial Information Science 4</td>
<td>PSB345</td>
<td>8</td>
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<tr>
<td>Elective Units</td>
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</table>

Elective Units

General Elective units of 12 credit points may be chosen from any unit in a QUT degree course subject to prerequisite requirements and approval by one of the course coordinators. The offering of elective units in any semester depends on sufficient minimum enrolments and availability of staff.

### Bachelor of Business (Major)/Bachelor of Health Science (Health Services Management) (IF47)

**Location:** Gardens Point and Kelvin Grove campuses

**Course Duration:** 4 years full-time

**Total Credit Points:** 432

**Standard Credit Points/Full-Time Semester:** 54 (average)

**Course Coordinators:**

- **Health:** Ms Desley Vine
- **Business:** Ms Elizabeth McDade

**Major Coordinators:**

- **Accountancy:** Mr Robert Humphreys
- **Banking and Finance:** Mr Mark Christensen
- **Communication:** Ms Robina Xavier (Acting)
- **Economics:** Mr Eugene McCann
- **Human Resource Management:** Dr John Martin
- **International Business:** Mr Michael Cox
- **Management:** Dr Dianne Lewis
- **Marketing:** Mr Terry Euler

**Course Emphasis**

- **Health:** Health Services Management.

**Professional recognition**

Students may be eligible for membership of the Australian Institute of Banking and Finance, the Australian Society of Certified Practising Accountants, the Institute of Chartered Accountants, the Institute of Chartered Secretaries and other professional associations, depending on unit selection.

**Course structure**

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* credit point Major, and a further 72 credit points in which the student must complete one of the following:
(i) Double Major (six units); OR
(ii) Extended Major (six units); OR
(iii) Specialisation (six units).

For information on the double majors, extended majors and specialisations, refer to the relevant section in the Bachelor of Business (BS56) course entry of the QUT Handbook.

* The units AYB120 Business Law, MGB207 Managing Human Resources and MGB211 Organisational Behaviour form part of the Health Science component of the degree. Students undertaking the majors in Accountancy, Human Resource Management and Management for which these are Major Core units, will be able to undertake elective units.

It is Faculty of Business policy that a grade of 4 or higher is required in prerequisite units before a student can enrol in further units. Prerequisite requirements are provided in the unit synopsis and it is the students responsibility to ensure they are correctly enrolled.

### Accountancy Major

#### Year 1, Semester 1

<table>
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<th>Course Code</th>
<th>Course Name</th>
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<tr>
<td>BSB110</td>
<td>Accounting</td>
<td>12</td>
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<tr>
<td>BSB113</td>
<td>Economics</td>
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<td>BSB114</td>
<td>Government, Business &amp; Society</td>
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<tr>
<td>PUB130</td>
<td>Australian Health Industry</td>
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#### Year 1, Semester 2

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<tr>
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<tr>
<td>BSB115</td>
<td>Management, People &amp; Organisations</td>
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<td>3</td>
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<td>PUB233</td>
<td>Communication, Information &amp; Education for Health</td>
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#### Year 2, Semester 1

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<td>EFB101</td>
<td>Data Analysis for Business</td>
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</tr>
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<td>MGB207</td>
<td>Managing Human Resources</td>
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<td>3</td>
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<td>MGB211</td>
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<tr>
<td>LWS001</td>
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#### Year 2, Semester 2

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<td>BSB112</td>
<td>Introduction to Electronic Commerce</td>
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<td>3</td>
</tr>
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<td>PUB251</td>
<td>Contemporary Public Health</td>
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<td>PUB433</td>
<td>Health Care Economics</td>
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#### Year 3, Semester 1

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<tbody>
<tr>
<td>AYB220</td>
<td>Company Accounting</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>BSB117</td>
<td>Professional Communication &amp; Negotiation</td>
<td>12</td>
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<td>PUB380</td>
<td>Casemix Management</td>
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<td>PUB529</td>
<td>Health Planning and Evaluation</td>
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<td>Double Major/Extended Major/Specialisation unit</td>
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#### Year 3, Semester 2

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## BANKING & FINANCE MAJOR

### Year 1, Semester 1
- **BSB112** Introduction to Electronic Commerce 12 3
- **BSB113** Economics 12 3
- **BSB114** Government, Business & Society 12 3
- **PUB130** Australian Health Industry 12 3

### Year 1, Semester 2
- **BSB110** Accounting 12 4
- **BSB115** Management, People & Organisations 12 3
- **EFB102** Economics 2 12 3
- **PUB233** Communication, Information & Education for Health 12 4

### Year 2, Semester 1
- **EFB101** Data Analysis for Business 12 3
- **EFB210** Finance 1 12 3
- **MGB207** Managing Human Resources 12 3
- **MGB211** Organisational Behaviour 12 3
- **LWS001** Medicine and the Law 12 3

### Year 2, Semester 2
- **AYB120** Business Law 12 3
- **EFB307** Finance 2 12 3
- **PUB251** Contemporary Public Health 12 4
- **PUB433** Health Care Economics 12 3
  - Double Major/Extended Major/Specialisation unit 12 3

### Year 3, Semester 1
- **BSB116** Marketing & International Business 12 3
- **PUB380** Casemix Management 12 3
- **PUB529** Health Planning and Evaluation 12 3
  - Double Major/Extended Major/Specialisation unit 12 3
  - Double Major/Extended Major/Specialisation unit 12 3

### Year 3, Semester 2
- **BSB117** Professional Communication & Negotiation 12 3
- **PUB418** Health Computer Systems 12 3
- **PUB480** Health Administration Finance 12 3
  - Double Major/Extended Major/Specialisation unit 12 3

### Year 4, Semester 1
- **BSB111** Business Ethics 12 3
- **EFB201** Australian Financial Markets 12 3
- **PUB314** Epidemiology & Statistics 12 4
- **PUB655** Health Policy and Planning 12 3
  - Double Major/Extended Major/Specialisation unit 12 3

### Year 4, Semester 2
- **EFB312** International Finance & Economics 12 3
- **PUB316** Research Methods 12 4
- **PUB659** Management of Health Services 12 3
  - Double Major/Extended Major/Specialisation unit 12 3

## COMMUNICATION MAJOR

### Year 1, Semester 1
- **BSB114** Government, Business & Society 12 3
- **BSB115** Management, People & Organisations 12 3
- **BSB117** Professional Communication & Negotiation 12 3
- **PUB130** Australian Health Industry 12 3

### Year 1, Semester 2
- **BSB112** Introduction to Electronic Commerce 12 3
- **COB213** Strategic Speech Communication 12 3
- **COB217** Writing for the Communication Profession 12 3
- **PUB233** Communication, Information & Education for Health 12 4
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**HUMAN RESOURCE MANAGEMENT MAJOR**

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INTERFACULTY COURSES

**Year 4, Semester 1**

LWS001 Medicine and the Law 12 3
PUB655 Health Policy and Planning 12 3
Double Major/Extended Major/Specialisation unit 12 3
Elective 12 3
Elective 12 3

**Year 4, Semester 2**

BSB111 Business Ethics 12 3
PUB316 Research Methods 12 4
PUB659 Management of Health Services 12 3
Double Major/Extended Major/Specialisation unit 12 3

**INTERNATIONAL BUSINESS MAJOR WITHOUT A LANGUAGE SPECIALISATION**

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 structure options are described below. 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.

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### INTERNATIONAL BUSINESS MAJOR WITH A LANGUAGE SPECIALISATION

Students may study either French, German, Indonesian or Japanese, or seek approval to undertake a different language at another tertiary institution. Students undertaking a language specialisation must complete a minimum of four language units, plus either: two additional language units; or MIB205 Cross Cultural Communication & Negotiation, and one other International Business elective. Refer to the International Business major for details on units and codes.

### Year 1, Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>BSB115</td>
<td>Management, People &amp; Organisations</td>
<td>12</td>
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<tr>
<td>BSB116</td>
<td>Marketing &amp; International Business</td>
<td>12</td>
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<td>PUB130</td>
<td>Australian Health Industry</td>
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### Year 1, Semester 2

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<td>BSB114</td>
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<td>MIB211</td>
<td>Globalisation &amp; Business</td>
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### Year 2, Semester 1

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<td>Managing Human Resources</td>
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<td>Organisational Behaviour</td>
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### Year 2, Semester 2

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<td>Contemporary Public Health</td>
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<td>PUB433</td>
<td>Health Care Economics</td>
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### Year 3, Semester 1

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<td>BSB117</td>
<td>Professional Communication &amp; Negotiation</td>
<td>12</td>
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<td>MIB203</td>
<td>Comparative Regulatory Systems</td>
<td>12</td>
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<td>Language 5 OR International Business Elective unit</td>
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<td>PUB380</td>
<td>Casemix Management</td>
<td>12</td>
<td>3</td>
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<td>PUB529</td>
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### Year 3, Semester 2

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<tr>
<td>MIB205</td>
<td>Cross Cultural Communication &amp; Negotiation</td>
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<td>Health Computer Systems</td>
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<td>Health Administration Finance</td>
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### Year 4, Semester 1

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<td>BSB300</td>
<td>Management, the Firm &amp; International Business</td>
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<td>Area Study 2</td>
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<td>12</td>
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<tr>
<td>PUB316</td>
<td>Research Methods</td>
<td>12</td>
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<tr>
<td>PUB659</td>
<td>Management of Health Services</td>
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Area Study units
Students must complete one of the following pairs of area study units:
- MIB200  Asian Business Development
- MIB317  Contemporary Business in Asia
- MIB208  European Business Development
- MIB300  Contemporary Business in Europe
- MIB200  North American Business Development (not on offer in 1999)
- MIB317  Contemporary Business in North America (not on offer in 1999)

LIST OF LANGUAGES
The same language must be studied for at least four levels and unit codes are sequential (eg. French HUB670, HUB671, HUB672, HUB673), except French 7 (HUB678) and French 8 (HUB677). With the permission of the Major Coordinator, and where available, languages other than those listed may be taken, including languages studied at another university. International students must take a language that is not their native tongue. The language units are listed in the BS56 section of the QUT Handbook.

MANAGEMENT MAJOR

Year 1, Semester 1
- BSB112  Introduction to Electronic Commerce 12 3
- BSB114  Government, Business & Society 12 3
- BSB115  Management, People & Organisations 12 3
- PUB130  Australian Health Industry 12 3

Year 1, Semester 2
- MGB207  Managing Human Resources 12 3
- MGB211  Organisational Behaviour 12 3
- MGB220  Methods & Analysis 12 3
- PUB233  Communication, Information & Education for Health 12 4

Year 2, Semester 1
- BSB110  Accounting 12 4
- BSB113  Economics 12 3
- BSB116  Marketing & International Business 12 3
- MGB210  Operations, Production & Service Management 12 3
- Double Major/Extended Major/Specialisation unit 12 3
- OR
- Elective 12 3

Year 2, Semester 2
- AYB120  Business Law 12 3
- PUB251  Contemporary Public Health 12 4
- PUB433  Health Care Economics 12 3
- Double Major/Extended Major/Specialisation unit 12 3
- Double Major/Extended Major/Specialisation unit 12 3

Year 3, Semester 1
- BSB117  Professional Communication & Negotiation 12 3
- MGB303  Entrepreneurship 12 3
- PUB314  Epidemiology & Statistics 12 4
- PUB380  Casemix Management 12 3
- PUB529  Health Planning and Evaluation 12 3

Year 3, Semester 2
- PUB418  Health Computer Systems 12 3
- PUB480  Health Administration Finance 12 3
- Double Major/Extended Major/Specialisation unit 12 3
- Double Major/Extended Major/Specialisation unit 12 3
- OR
- Elective 12 3

Year 4, Semester 1
- LWS001  Medicine and the Law 12 3
- PUB655  Health Policy and Planning 12 3
- Double Major/Extended Major/Specialisation unit 12 3
- Double Major/Extended Major/Specialisation unit 12 3
- Elective 12 3
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<td>MGB309</td>
<td>Strategic Management</td>
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<td>PUB316</td>
<td>Research Methods</td>
<td>12</td>
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<tr>
<td>PUB659</td>
<td>Management of Health Services</td>
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**MARKETING MAJOR**

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<td>PUB130</td>
<td>Australian Health Industry</td>
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**Year 1, Semester 2**

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<td>EFB101</td>
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<tr>
<td>PUB233</td>
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**Year 2, Semester 1**

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<td>MIB217</td>
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**Year 2, Semester 2**

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<td>MIB213</td>
<td>International Marketing</td>
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<td>PUB251</td>
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**Year 3, Semester 1**

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<td>MIB204</td>
<td>Consumer Behaviour</td>
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<td>PUB529</td>
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**Year 3, Semester 2**

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<td>PUB480</td>
<td>Health Administration Finance</td>
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**Year 4, Semester 1**

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<td>Market Research</td>
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<td>PUB314</td>
<td>Epidemiology &amp; Statistics</td>
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<td>PUB655</td>
<td>Health Policy and Planning</td>
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**Year 4, Semester 2**

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<tr>
<td>PUB659</td>
<td>Management of Health Services</td>
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**Bachelor of Business/Bachelor of Information Technology (Information Systems) (IF48)**

**Location:** Gardens Point campus

**Course Duration:** 8 or 9 semesters (students may choose to complete the course in 8 semesters with overload)

**Total Credit Points:** 432
**Standard Credit Points/Full-Time Semester:** 54 (average) for 8 semesters; 48 for 9 semesters.

**Course Coordinators:**
*Business:* Dr Elizabeth McDade  
*Information Technology:* Dr Marian Orlowski

**Major Coordinators:**
*Accountancy:* Mr Robert Humphreys  
*Communication:* Ms Robina Xavier

**Course Structure**
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 the 72 credit point Faculty Core Units in the Business program together with a 72 credit point Major and a further 72 credit points in which the student must complete one of the following:
(i) Double Major (six units) or  
(ii) Extended Major (six units) or  
(iii) Specialisation (six units).

The only majors available are Accountancy and Communication within the Business component of the degree. For information on the double majors and specialisations, refer to the relevant section in the Bachelor of Business (BS56) course entry.

It is the Faculty of Business policy that a grade of 4 or higher is required in prerequisite units before a student can enrol in further units. Prerequisite requirements are provided in the unit synopsis and it is the students responsibility to ensure they are correctly enrolled.

Copies of Faculty of Business Rules and Procedures are available from the faculty of Business Enquiries Counter at Gardens Point in Z402, or Carseldine in C201. They are also distributed at Faculty orientation to all commencing students.

**Faculty of Business Core Unit List**
- BSB110 Accounting  
- BSB113 Economics  
- BSB114 Government, Business & Society  
- BSB115 Management, People & Organisations  
- BSB116 Marketing & International Business  
- BSB117 Professional Communication & Negotiation

**Accountancy Major Core Units**
- AYB121 Financial Accounting  
- EFB101 Data Analysis for Business  
- AYB225 Management Accounting 1  
- AYB120 Business Law  
- AYB220 Company Accounting  
- AYB301 Auditing

**Communication Major Core Units**
- COB203 Communication Research Methods  
- COB213 Strategic Speech Communication  
- COB216 Theoretical Perspectives on Communication  
- COB217 Writing for the Communication Profession  
- COB309 Applied Communication Research  
- COB310 Communication Issues

**ACCOUNTANCY MAJOR WITH AN EXTENDED MAJOR IN ACCOUNTANCY**
(For students seeking professional recognition)

<table>
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<th>Full-Time Course Structure</th>
<th>Credit Points</th>
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<tr>
<td>ITB105 Study of Information Technology</td>
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<tr>
<td>ITB225 Introduction to Databases</td>
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<td>ITB310 Information Management</td>
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<tr>
<td>ITB410 Software Development 1</td>
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</tr>
<tr>
<td>ITB412 Technology of Information Systems</td>
<td>12</td>
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</table>
Year 1, Semester 2
BSB110  Accounting  12  4
BSB113  Economics  12  3
BSB114  Government, Business & Society  12  3
BSB116  Marketing & International Business  12  3

Year 2, Semester 1
AYB120  Business Law  12  3
AYB121  Financial Accounting  12  3
EFB101  Data Analysis for Business  12  3
AYB221  Computerised Accounting Systems  12  3

Year 2, Semester 2
ITB107  Programming Laboratory  12  3
ITB222  Systems Analysis & Design  12  3
ITB510  Communication Networks  12  3
ITB220  Database Design  12  3
OR
ITB324  Personal Productivity Software  12  3

Year 3, Semester 1
AYB220  Company Accounting  12  3
AYB223  Law of Business Associations  12  3
BSB115  Management, People & Organisations  12  3
BSB117  Professional Communication & Negotiation  12  3

Year 3, Semester 2
AYB225  Management Accounting I  12  3
EFB102  Economics II  12  3
EFB210  Finance I  12  3
AYB311  Financial Accounting Theory  12  3
OR
AYB321  Management Accounting Theory  12  3

Year 4, Semester 1
ITB226  Information Theory  12  3
ITB232  Database Systems  12  3
ITB330  Information Issues & Values  12  3
ITB221  3GL Systems  12  3
OR
ITB322  Information Resources  12  3

Year 4, Semester 2
ITB223  4GL Systems  12  3
ITB242  Management Support Systems  12  3
ITB236  Object Oriented Systems  12  3
OR
ITB331  Information Analysis & Planning  12  3
ITB257  Multimedia Systems  12  3

Year 5, Semester 1
AYB301  Auditing  12  3
AYB325  Taxation Law  12  3
ITB240  Group Project  12  3
ITB241  Information Technology Management  12  3

COMMUNICATION MAJOR

Full-time Course Structure

Year 1, Semester 1
ITB105  Study of Information Technology  0  3 weeks
ITB225  Introduction to Databases  12  3
ITB310  Information Management  12  3
ITB410  Software Development I  12  3
ITB412  Technology of Information Systems  12  3

Year 1, Semester 2
BSB110  Accounting  12  4
BSB114  Government, Business & Society  12  3
BSB115  Management, People & Organisations  12  3
BSB117  Professional Communication & Negotiation  12  3

**Year 2, Semester 1**
BSB116  Marketing & International Business  12  3
COB213  Strategic Speech Communication  12  3
COB216  Theoretical Perspectives on Communication  12  3
COB217  Writing for the Communication Profession  12  3

**Year 2, Semester 2**
ITB107  Programming Laboratory  12  3
ITB222  Systems Analysis & Design  12  3
ITB510  Communication Networks  12  3
ITB220  Database Design  12  3
OR
ITB324  Personal Productivity Software  12  3

**Year 3, Semester 1**
BSB113  Economics  12  3
COB203  Communication Research Methods  12  3
Double Major/Extended Major/Specialisation unit  12
Double Major/Extended Major/Specialisation unit  12

**Year 3, Semester 2**
COB309  Applied Communication Research  12  3
COB310  Communication Issues  12  3
Double Major/Extended Major/Specialisation unit  12
Double Major/Extended Major/Specialisation unit  12

**Year 4, Semester 1**
ITB226  Information Theory  12  3
ITB232  Database Systems  12  3
ITB330  Information Issues & Values  12  3
ITB221  3GL Systems  12  3
OR
ITB322  Information Resources  12  3

**Year 4, Semester 2**
ITB223  4GL Systems  12  3
ITB242  Management Support Systems  12  3
ITB236  Object Oriented Systems  12  3
OR
ITB331  Information Analysis & Planning  12  3
ITB257  Multimedia Systems  12  3

**Year 5, Semester 1**
ITB240  Group Project  12  3
ITB241  Information Technology Management  12  3
Double Major/Extended Major/Specialisation unit  12
Double Major/Extended Major/Specialisation unit  12

**Extended Majors for the Major in Communication**

**Advertising**
COB303  Advertising Campaigns  12  3
COB304  Advertising Copywriting  12  3
COB306  Advertising Management  12  3
COB308  Advertising Theory & Practice  12  3
COB315  Direct Response Advertising or  12  3
COB307  Advertising Regulation & Ethics  12  3
COB317  Media Planning  12  3

**Organisational Communication**
COB204  Communication Technology for Organisations  12  3
COB208  Intercultural Communication & Diversity  12  3
COB311  Communication Practice: Interpersonal & Presentational Strategies  12  3
COB313  Consulting for Communication Specialists  12  3
COB314  Corporate Writing & Editing  12  3
COB318  Organisational Communication  12  3
Public Relations
COB323 Public Relations Campaigns 12 3
COB324 Public Relations Issues & Strategic Planning 12 3
COB325 Public Relations Theory & Practice 12 3
COB326 Public Relations Writing 12 3
COB327 Publication Management 12 3
COB329 Publicity Methods 12 3

Bachelor of Engineering (Civil)/Bachelor of Applied Science (Mathematics) (IF50)

IF50 replaces IF42 Bachelor of Engineering (Civil)/Bachelor of Applied Science (Mathematics) for commencing students. Continuing students should consult their Course Summary Sheet for enrolment details or contact the School office.

See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering section.

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 516

Standard Credit Points/Full-Time Semester: average 51.6

Course Coordinators:
Civil Engineering: Professor Rod Troutbeck
Mathematics: Associate Professor Helen MacGillivray

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).

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 (Civil).

Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information booklets are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Credit and Employment Officer, or the School office.

Students should not formally enrol in industrial experience/practice.

Full-Time Course Structure Credit Points Contact Hrs/ Wk
For students with four semesters of Senior Mathematics B and Senior Mathematics C with an exit assessment of at least Sound Achievement in both subjects.

Year 1, Semester 1

CEB109 Engineering Mechanics 1 12 5
MAB111 Mathematical Sciences 1B 12 4
MAB112 Mathematical Sciences 1C 12 4
PCB136 Engineering Physics 1C 12 4

Year 1, Semester 2

BNB007 Professional Studies 1 12 5
CEB110 Engineering Mechanics 2 12 5
MAB210 Statistical Modelling 1 12 4
MAB220 Computational Mathematics 1 12 4

Year 2, Semester 1

CEB207 Professional Studies 2 (Design 1) 12 5
CEB209 Geotechnical Engineering 1 12 5
MAB101 Statistical Data Analysis 1 12 4
### INTERFACULTY COURSES

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<tr>
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<th>Year 2, Semester 2</th>
<th>Year 3, Semester 1</th>
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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
- CEB109 Engineering Mechanics 1: 12 credits, 5 units
- MAB100 Mathematical Sciences 1A: 12 credits, 4 units
- MAB101 Statistical Data Analysis 1: 12 credits, 4 units
- PCB136 Engineering Physics 1C: 12 credits, 4 units

### Year 1, Semester 2
- BNB007 Professional Studies 1: 12 credits, 5 units
- CEB110 Engineering Mechanics 2: 12 credits, 5 units
- MAB111 Mathematical Sciences 1B: 12 credits, 4 units
- MAB112 Mathematical Sciences 1C: 12 credits, 4 units

### Year 2, Semester 1
- CEB207 Professional Studies 2 (Design 1): 12 credits, 5 units
- CEB209 Geotechnical Engineering 1: 12 credits, 5 units

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29 Students are permitted to enrol in one elective unit from any Faculty in QUT, subject to the approval of the Head of School.
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Mathematics Electives

- MAB521 Applied Mathematics 3 12 4
- MAB522 Computational Mathematics 3 12 4
- MAB523 Introduction to Quality Management 12 4
- MAB524 Statistical Inference 12 4
- MAB525 Operations Research 3A 12 4
- MAB526 Statistical Science 3 12 4
- MAB613 Partial Differential Equations 12 4
- MAB621 Discrete Mathematics 12 4
- MAB624 Applied Statistics 3 12 4
- MAB625 Operations Research 3B 12 4

**Bachelor of Engineering (Electrical & Computer Engineering)/Bachelor of Business (IF28)**

IF 28 replaces IF45 Bachelor of Engineering (Electrical & Computer Engineering)/Bachelor of Business. Continuing students should consult their Course Summary Sheet for enrolment details or contact the School office.

See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering section.

**Location:** Gardens Point campus

**Course Duration:** 5 years full-time

**Total Credit Points:** 480

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinators:**
- Engineering: Dr Neil Bergmann
- Business: Dr Elizabeth McDade

**Major Coordinators:**
- Accountancy: Ms Elizabeth McDade
- Banking and Finance: Mr Mark Christensen
- Communication: Ms Robina Xavier (Acting)
- Economics: Mrs Helen Higgs
- Human Resource Management: Mr Greg Southey
- International Business: Dr Beverley Kitching
- Management: Dr Dianne Lewis
- Marketing: Mr Terry Euler

**Professional Recognition**

This degree meets the requirements for membership of the Institution of Engineers, Australia and of the Institution of Radio and Electronics Engineers Australia. Students may also be eligible for membership of the Australian Institute of Banking and Finance, the Australian Society of Certified Practicing Accountants, the Institute of Chartered Accountants, the Institute of Chartered Secretaries and other professional associations, depending on unit selection.

**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.

Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Credit and Employment Officer or the School office.

Students should not formally enrol in industrial employment/practice.
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\textsuperscript{30} MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent)
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- EEB112 Electrical & Computer Engineering 1 12 5
- MAB180 Engineering Mathematics 1^30^ OR
- MAB131 Engineering Mathematics 1A 12 4
- BSB113 Economics 12 3
- BSB115 Management, People & Organisations 12 4

### Year 1, Semester 2
- EEB212 Electrical & Computer Engineering 2 12 5
- MAB132 Engineering Mathematics 1B 12 4
- BSB114 Government, Business & Society 12 3
- EFB102 Economics 2 12 3

### Year 2, Semester 1
- EEB340 Telecommunications & Signal Processing 1 12 4
- MAB134 Electrical Engineering Mathematics 3 12 4
- PCB136 Engineering Physics 1 12 4
- BSB116 Marketing & International Business 12 3

### Year 2, Semester 2
- EEB440 Telecommunications & Signal Processing 2 12 4
- MAB135 Electrical Engineering Mathematics 4 12 4
- BSB110 Accounting 12 4
- EFB101 Data Analysis for Business 12 3

### Year 3, Semester 1
- EEB311 Control, Electrical Power & Machines 1 12 4
- EEB312 Electronics & Computing 1 12 4
- BSB117 Professional Communication & Negotiation 12 3
- EFB210 Finance 1 12 3

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- EEB411 Control, Electrical Power & Machines 2 12 4
- EEB412 Electronics & Computing 2 12 4
- EFB307 Finance 2 12 3

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- Electrical & Computer Engineering Elective unit 12
- EFB301 Australian Financial Markets 12 3
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- EFB312 International Finance & Economics 12 3
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### Year 5, Semester 2
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# HUMAN RESOURCE MANAGEMENT MAJOR

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## INTERNATIONAL BUSINESS MAJOR – WITHOUT A LANGUAGE SPECIALISATION

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**OR**

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Area Study units
Students must complete one of the following pairs of area study units:

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<tr>
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<td>MIB317</td>
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<td>MIB208</td>
<td>European Business Development</td>
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<td>Contemporary Business in Europe</td>
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<td>MIB219</td>
<td>North American Business Development</td>
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**INTERNATIONAL BUSINESS MAJOR – WITH A LANGUAGE SPECIALISATION**

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- MIB200 Asian Business Development
- MIB317 Contemporary Business in Asia
- MIB208 European Business Development
- MIB300 Contemporary Business in Europe
- MIB219 North American Business Development (not offered in 1999)
- MIB301 Contemporary Business in North America (not offered in 1999)

### MANAGEMENT MAJOR

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<td>MAB134</td>
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<tr>
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#### Year 2, Semester 2

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<td>MAB135</td>
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<td>MGB207</td>
<td>Managing Human Resources</td>
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<td>MGB211</td>
<td>Organisational Behaviour</td>
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#### Year 3, Semester 1

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#### Year 3, Semester 2

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#### Year 4, Semester 1

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<td>Electrical &amp; Computer Engineering Elective unit</td>
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<td>MGB210</td>
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#### Year 4, Semester 2

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<td>Double Major/Extended Major/Specialisation unit</td>
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### MARKETING MAJOR

#### Year 1, Semester 1
- EEB112 Electrical & Computer Engineering 1 12 5
- MAB180 Engineering Mathematics 128
  OR
- MAB131 Engineering Mathematics 1A 12 4
- BSB113 Economics 12 3
- BSB116 Marketing & International Business 12 3

#### Year 1, Semester 2
- EEB212 Electrical & Computer Engineering 2 12 5
- MAB132 Engineering Mathematics 1B 12 4
- BSB110 Accounting 12 4
- BSB115 Management, People & Organisations 12 3

#### Year 2, Semester 1
- EEB340 Telecommunications & Signal Processing 1 12 4
- MAB134 Electrical Engineering Mathematics 3 12 4
- PCB136 Engineering Physics 1 12 4
- BSB114 Government, Business & Society 12 3

#### Year 2, Semester 2
- EEB440 Telecommunications & Signal Processing 2 12 4
- MAB135 Electrical Engineering Mathematics 4 12 4
- EFB101 Data Analysis for Business 12 3
- MIB217 Marketing Management 12 3

#### Year 3, Semester 1
- EEB311 Control, Electrical Power & Machines 1 12 4
- EEB312 Electronics & Computing 1 12 4
- BSB117 Professional Communication & Negotiation 12 3
- MIB204 Consumer Behaviour 12 3

#### Year 3, Semester 2
- EEB411 Control, Electrical Power & Machines 2 12 4
- EEB412 Electronics & Computing 2 12 4
- BSB111 Business Ethics 12 3
  Double Major/Extended Major/Specialisation unit 12

#### Year 4, Semester 1
- EEB584 Introduction to Design 12 1
  Electrical & Computer Engineering Elective unit 12
  Double Major/Extended Major/Specialisation unit 12

#### Year 4, Semester 2
- EEB684 Advanced Design 12 1
  Electrical & Computer Engineering Elective unit 12
- MIB213 International Marketing 12 3
  Double Major/Extended Major/Specialisation unit 12

#### Year 5, Semester 1
- EEB889/1 Project 12
  Electrical & Computer Engineering Elective unit 12
  MIB305 Market Research 12 3
  Double Major/Extended Major/Specialisation unit 12
Year 5, Semester 2

EEB889/2 Project 12
Electrical & Computer Engineering Elective unit 12
MIB315 Strategic Marketing 12 3
Double Major/Extended Major/Specialisation unit 12

Electrical Engineering Electives

Electrical Engineering Electives are yet to be finalised & may include units from the following subject areas:

- Electrical Power Systems
- Microwave Systems
- Communication Systems
- Computer Systems
- Signal Processing & Communications Theory
- Control Systems
- Electronics
- Occasional Specialist/Visiting Expert Courses

### Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) (IF21)

IF21 replaces IF44 Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics). Continuing students should consult their Course Summary Sheet for enrolment details, or contact the School office.

See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering, and the Faculty of Science sections.

**Location:** Gardens Point campus

**Course Duration:** 5 years full-time

**Total Credit Points:** 480

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinators:**
- **Mathematics:** Associate Professor Helen MacGillivray
- **Engineering:** Dr Abdelhak Zoubir

**Professional Recognition**

This degree meets the requirements for membership of the Institution of Engineers, Australia and the Institution of Radio and Electronics Engineers, Australia. They also qualify for admission to the Mathematical Society of Australia and the Statistical Society of Australia.

**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 employment/practice in an engineering environment approved by the Course Coordinator.

Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Form signed by the employer. Industrial Experience Record Forms are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Credit and Employment Officer or the School office.

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>EEB112 Electrical &amp; Computer Engineering 1</td>
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<td>MAB111 Mathematical Sciences 1B</td>
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<td>Course Name</td>
<td>Credit</td>
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<td>Mathematical Sciences 1C</td>
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<td>PCB136</td>
<td>Engineering Physics 1C</td>
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**Year 1, Semester 2**

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<td>EEB212</td>
<td>Electrical &amp; Computer Engineering 2</td>
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<td>Statistical Modelling 1</td>
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<td>MAB220</td>
<td>Computational Mathematics 1</td>
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**Year 2, Semester 1**

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<td>Statistical Data Analysis 1</td>
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<td>Linear Algebra</td>
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**Year 2, Semester 2**

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<td>Differential Equations</td>
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**Year 3, Semester 1**

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<td>EEB540</td>
<td>Telecommunications &amp; Signal Processing 3</td>
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<td>MAB311</td>
<td>Advanced Calculus</td>
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**Year 3, Semester 2**

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<tr>
<td>EEB411</td>
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<td>EEB660</td>
<td>Digital Communication</td>
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<td>4</td>
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<td>MAB414</td>
<td>Applied Statistics 2</td>
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<td>MAB422</td>
<td>Mathematical Modelling</td>
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**Year 4, Semester 1**

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<td>Introduction to Design</td>
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**Year 4, Semester 2**

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**Year 5, Semester 1**

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<td>Project</td>
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**Year 5, Semester 2**

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<td>Mathematics Elective (Level 3)</td>
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For students with four semesters of Senior Mathematics B (or equivalent) only, with an exit assessment of at least Sound Achievement.
### Year 2, Semester 1
- **EEB312** Electronics & Computing 1  12  4
- **EEB340** Telecommunications & Signal Processing 1  12  4
- **MAB210** Statistical Modelling 1  12  4
- **MAB312** Linear Algebra  12  4

### Year 2, Semester 2
- **EEB412** Electronics & Computing 2  12  4
- **EEB440** Telecommunications & Signal Processing 2  12  4
- **MAB220** Computational Mathematics 1  12  4
- **MAB413** Differential Equations  12  4

### Year 3, Semester 1
- **EEB311** Control, Electrical Power & Machines 1  12  4
- **EEB540** Telecommunications & Signal Processing 3  12  4
- **MAB311** Advanced Calculus  12  4
- **MAB314** Statistical Modelling 2  12  4

### Year 3, Semester 2
- **EEB411** Control, Electrical Power & Machines 2  12  4
- **EEB660** Digital Communication  12  4
- **MAB414** Applied Statistics 2  12  4
- **MAB420** Computational Mathematics 2  12  4

### Year 4, Semester 1
- **EEB511** Control, Electrical Power & Machines 3  12  4
- **EEB584** Introduction to Design  12  1
- **Computing Elective**  12
- **Mathematics Elective (Level 3)**  12  4

### Year 4, Semester 2
- **EEB684** Advanced Design  12  1
- **Electrical Engineering Elective**  12
- **Electrical Engineering Elective**  12
- **Mathematics Elective (Level 3)**  12  4

### Year 5, Semester 1
- **EEB889/1** Project  12
- **Electrical Engineering Elective**  12
- **Electrical Engineering Elective**  12
- **Mathematics Elective (Level 3)**  12  4

### Year 5, Semester 2
- **EEB889/2** Project  12
- **Electrical Engineering Elective**  12
- **Electrical Engineering Elective**  12
- **Mathematics Elective (Level 3)**  12  4

### Electrical Engineering Electives

Electrical Engineering Electives are yet to be finalised and may include units from the following subject areas:

- Electrical Power Systems
- Microwave Systems
- Communication Systems
- Computer Systems
- Signal Processing and Communications Theory
- Control Systems
- Electronics
- Engineering Management
- Occasional Specialist/Visiting Expert Courses
- Professional Development

### Mathematics Electives (Level 3)
- **MAB521** Applied Mathematics 3
- **MAB522** Computational Mathematics 3
- **MAB523** Introduction to Quality Management
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 (Electronics)/Bachelor of Information Technology (IF59)

IF59 replaces IF25 Bachelor of Engineering (Electronics)/Bachelor of Information Technology. Continuing students should consult their Course Summary Sheet for enrolment details or contact the School office. See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering, and the Faculty of Information Technology sections.

**Location:** Gardens Point campus

**Course Duration:** 5 years full-time

**Total Credit Points:** 492

**Standard Credit Points/Full-Time Semester:** 49.2

**Course Coordinators:**
- Information Technology: Dr Paul Roe
- Engineering: Dr Vinod Chandran

**Professional Recognition**

This course will be accredited by the Australian Computer Society as meeting the training and experience requirements for admission to the grade of Member of the Society. It is accredited by the Institution of Engineers, Australia, and the Institution of Radio and Electronics Engineers, Australia as meeting the training requirements for admission to graduate membership of these institutions.

**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.

Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office, a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Credit and Employment Officer or the School office.

Students should not formally enrol in industrial experience/practice.

### Full-Time Course Structure

<table>
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<tr>
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<th>Year 1, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB105</td>
<td>EEB213 Electrical Circuits &amp; Measurements</td>
</tr>
<tr>
<td>ITB106</td>
<td>ITB107 Programming Laboratory</td>
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<td>ITB410</td>
<td>ITB411 Software Development 2</td>
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<td>MAB180 or MAB131</td>
<td>MAB132 Engineering Mathematics 1B</td>
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<tr>
<td>12</td>
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<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Year 1, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB105</td>
<td>EEB213 Electrical Circuits &amp; Measurements</td>
</tr>
<tr>
<td>ITB106</td>
<td>ITB107 Programming Laboratory</td>
</tr>
<tr>
<td>ITB410</td>
<td>ITB411 Software Development 2</td>
</tr>
<tr>
<td>MAB180 or MAB131</td>
<td>MAB132 Engineering Mathematics 1B</td>
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<tr>
<td>12</td>
<td>12</td>
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<tr>
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</tbody>
</table>

*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
BNB007 Professional Studies 1 12 4
EEB312 Electronics & Computing 1 12 4
ITB421 Software Development 3 12 3
MAB134 Electrical Engineering Mathematics 3 12 4

Year 2, Semester 2
EEB412 Electronics & Computing 2 12 4
ITB420 Computer Architecture 12 3
ITB424 Software Engineering Principles 12 3
MAB135 Electrical Engineering Mathematics 4 12 4

Year 3, Semester 1
EEB311 Control, Electrical Power & Machines 1 12 4
EEB340 Telecommunications & Signal Processing 1 12 4
EEB512 Electronics & Computing 3 12 4
ITB448 Object Technology 12 3

Year 3, Semester 2
EEB411 Control, Electrical Power & Machines 2 12 4
EEB440 Telecommunications & Signal Processing 2 12 4
ITB426 Operating Systems 12 3
ITB433 Programming Languages 12 3

Year 4, Semester 1
EEB584 Introduction to Design 12 1
ITB432 Advanced Programming Laboratory 12 3
ITB465 Concurrent & Distributed Systems 12 3

Select one of
EEB540 Telecommunications & Signal Processing 3 12 4
OR
EEB511 Control, Electrical Power & Machines 3 12 4

Year 4, Semester 2
EEB684 Advanced Design 12 1
ITB464 Modern Compiler Construction 12 3
Electrical Engineering Elective 12
Computing Elective 12

Year 5, Semester 1
EEB781 Professional Studies 2 12 4
EEB889/1 Project OR 12
ITB844/1 Computing Project 12
Electrical Engineering Elective 12
Computing Elective 12

Year 5, Semester 2
EEB889/2 Project OR 12
ITB844/2 Computing Project 12
Electrical Engineering Elective 12
Electrical Engineering Elective 12
Computing Elective 12

Electives
Electives are yet to be finalised, and may include units from the following subject areas:

- Electrical Power Systems
- Microwave Systems
- Communication Systems
- Computer Systems
- Signal Processing and Communications Theory
- Control Systems
- Electronics
- Occasional Specialist/Visiting Expert Courses
- Software Engineering
- Artificial Intelligence/Neurocomputing
At the discretion of the Course Coordinator, students may be allowed to select an elective from advanced topics offered by the University.

**Bachelor of Engineering (Manufacturing Systems)/Bachelor of Business (Marketing) (IF57)**

IF57 replaces IF56 Bachelor of Engineering (Manufacturing Systems)/Bachelor of Business (Marketing). Continuing students in IF56 should consult their Course Summary Sheet for enrolment details or contact the School office.

**Location:** Gardens Point campus  
**Course Duration:** 5 years full-time  
**Total Credit Points:** 568  
**Course Coordinators:**  
*Engineering:* Dr R. Mahalinga-Iyer  
*Marketing:* Mr T. Euler

**Professional Recognition**

This degree meets the requirements for membership of the Institution of Engineers, Australia. Membership of the Australian Institute of Export can be obtained upon completion of an additional seminar.

**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.

Candidates must, not later than the fourth week of semester immediately following each period of industrial experience/practice, submit to the Course Coordinator (through the Faculty Office) a report in the required format, describing the work carried out during the period of experience/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from the Faculty Industrial Experience Officer in Room 602, O Block, Gardens Point campus and also from the Faculty Office.

Students should not formally enrol in industrial employment/practice.

The Bachelor of Business component of this degree is comprised of seven Faculty core units, the six units of the Marketing Major and five Specialisation units. All units are undertaken within the Faculty of Business.

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
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<tbody>
<tr>
<td>BSB117 Professional Communication &amp; Negotiation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CEB109 Engineering Mechanics 1</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>MAB131 Engineering Mathematics 1a</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>MAB180 Engineering Mathematics 1</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>MMB131 Engineering Materials</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCB136 Engineering Physics</td>
<td>12</td>
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<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>BSB113 Economics</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>BSB116 Marketing &amp; International Business</td>
<td>12</td>
<td>3</td>
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<tr>
<td>EEB112 Electrical Engineering 1</td>
<td>12</td>
<td>6</td>
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<tr>
<td>MAB132 Engineering Mathematics 1b</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>MMB112 Dynamics</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>

---

\(^{30}\) 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
- BSB114 Government Business & Society 12 3
- EEB220 Electrical Engineering 2M 12 4
- MAB133 Engineering Mathematics 2b 12 4
- MMB211 Mechanics 1 12 5
- MMB271 Manufacturing Practice 12 4

### Year 2, Semester 2
- EFB101 Data Analysis for Business 12 4
- MIB217 Marketing Management 12 4
- MMB232 Materials Technology 12 5
- MMB252 Thermofluids 12 6

### Year 3, Semester 1
- MIB204 Consumer Behaviour 12 3
- MIB311 Services Marketing 12 3
- MMB281 Design 1 12 6
- MMB371 Manufacturing Processes 12 5

### Year 3, Semester 2
- BSB110 Accounting 12 3
- BSB115 Management, People & Organisation 12 3
- MMB372 Manufacturing Engineering 12 6
- MMB374 Design for Manufacturing 1 12 5

### Year 4, Semester 1
- BSB111 Business Ethics 12 3
- MIB305 Market Research 12 3
- MMB311 Mechanics 3 12 6
- MMB471 Computer Integrated Manufacturing 12 5

### Year 4, Semester 2
- MIB213 International Marketing 12 3
- MMB472 Design for Manufacturing 2 12 4
- MMB474 Computer Control of Manufacturing Systems 12 5
- MMB476 Operations Management 12 3

### Year 5, Semester 1
- MIB210 Export Management 12 4
- MMB501 Industry Project (Incorp Marketing) 36 6
  Marketing Elective (A) 12 3

### Year 5, Semester 2
- MIB315 Strategic Marketing 12 3
- MMB572 Manufacturing Planning & Control 12 4
- MMB574 Design for Manufacturing 3 12 4
  Marketing Elective (B) 12 3

### Elective Lists

#### Elective A
- MIB215 Marketing Logistics (odd years) 12 3
- MIB224 Technology & Marketing (odd years) 12 3
- MIB309 Promotional Strategy (even years) 12 3
- MIB310 Retail Marketing (even years) 12 3

#### Elective B
- MIB216 Marketing Decision Making (even years) 12 3
- MIB303 International Logistics (odd years) 12 3
- MIB307 Production Innovation & Market Development (both years) 12 3
- MIB308 Professional Marketing Practice (both years) 12 3

---

**Bachelor of Health Science (Family & Consumer Studies)/ Bachelor of Education (Secondary) (IF74)**

**Location:** Kelvin Grove campus

**Course Duration:** 4 years full-time

**Total Credit Points:** 432
Standard Credit Points/Full-Time Semester: 54 (average). (Note that the minimum enrolment for full-time status varies each year).

Course Coordinators:
Family and Consumer Studies: Ms Melinda Service
Education: Dr Jenny Campbell

Special note: Students with advanced standing in 1998 should refer to their 1998 Course Summary Sheet for enrolment advice as the education component of the double degree has been varied for Year 4.

Full-Time Course Structure
Students complete 240 credit points in approved units offered by the School of Public Health, Faculty of Health. Students will undertake 192 credit points in units which are in accordance with requirements specified for the PU40 program and 48 credit points in approved studies in the second teaching area of Health.

In the first five semesters of the course, four education units are also undertaken. See List A.

**LIST A Education units to be taken over the first 5 semesters of the course**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Semester Offered</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIST A Education units to be taken over the first 5 semesters of the course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPB342 Education in Context</td>
<td>12</td>
<td>1.2</td>
</tr>
<tr>
<td>LAB341 Language Technology &amp; Education</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>LEB335 Human Development &amp; Education</td>
<td>12</td>
<td>1.2</td>
</tr>
<tr>
<td>LEB336 Psychology of Learning &amp; Teaching</td>
<td>12</td>
<td>1.2</td>
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</tbody>
</table>

**Year 1, Semester 1**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUB105 Introduction to Family Studies</td>
<td>12</td>
</tr>
<tr>
<td>PUB117 Introduction to Consumer Studies</td>
<td>12</td>
</tr>
<tr>
<td>PUB233 Communication, Information &amp; Education for Health</td>
<td>12</td>
</tr>
<tr>
<td>PUB251 Contemporary Public Health</td>
<td>12</td>
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</table>

**Year 1, Semester 2**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB687 Contemporary Moral Issues</td>
<td>12</td>
</tr>
<tr>
<td>PUB123 Human Development &amp; Relationships</td>
<td>12</td>
</tr>
<tr>
<td>PUB203 Primary Health Care</td>
<td>12</td>
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<tr>
<td>Two Education Studies units (see List A)</td>
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**Year 2, Semester 1**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>PUB225 Living Spaces for People</td>
<td>12</td>
</tr>
<tr>
<td>PUB314 Epidemiology &amp; Statistics</td>
<td>12</td>
</tr>
<tr>
<td>PUB349 Families &amp; Households</td>
<td>12</td>
</tr>
<tr>
<td>PUB355 Hospitality Studies</td>
<td>12</td>
</tr>
<tr>
<td>One Education Studies unit (see List A)</td>
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**Year 2, Semester 2**

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<tbody>
<tr>
<td>HUB752 The Just Society</td>
<td>12</td>
</tr>
<tr>
<td>PUB201 Public Health Nutrition 1</td>
<td>12</td>
</tr>
<tr>
<td>PUB316 Research Methods</td>
<td>12</td>
</tr>
<tr>
<td>PUB321 Textile Studies</td>
<td>12</td>
</tr>
<tr>
<td>PUB477 Consumer Rights &amp; Advocacy</td>
<td>12</td>
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**Year 3, Semester 1**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>PUB341 Nutrition Education</td>
<td>12</td>
</tr>
<tr>
<td>PUB551 Promoting Health in Families</td>
<td>12</td>
</tr>
<tr>
<td>PUB655 Health Policy &amp; Planning</td>
<td>12</td>
</tr>
<tr>
<td>PUB529 Health Planning &amp; Evaluation</td>
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<tr>
<td>One Education Studies Unit (See List A)</td>
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**Year 3, Semester 2**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>PRB343 Secondary Professional Practice 1: Classroom Management</td>
<td>12</td>
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<tr>
<td>PRB344 Secondary Professional Practice 2: Curriculum Decision Making</td>
<td>12</td>
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</table>

Curriculum Studies 1X 23
Curriculum Studies 1Y 23

---

23 Refer to the Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.
### Year 4, Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<th>Contact Hrs/Wk</th>
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</thead>
<tbody>
<tr>
<td>CPB343</td>
<td>Understanding Educational Practices</td>
<td>12</td>
<td></td>
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<tr>
<td>PRB345</td>
<td>Secondary Professional Practice 3: The Inclusive Curriculum</td>
<td>12</td>
<td></td>
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<td></td>
<td>Curriculum Studies 2X</td>
<td>12</td>
<td></td>
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<tr>
<td></td>
<td>Curriculum Studies 2Y</td>
<td>12</td>
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### Year 4, Semester 2

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>PRB346</td>
<td>Secondary Professional Practice 4: Beginning Teaching</td>
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<tr>
<td></td>
<td>Education Studies Elective 23</td>
<td>12</td>
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</tr>
<tr>
<td></td>
<td>Education Studies Elective 23</td>
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<td></td>
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<tr>
<td></td>
<td>Curriculum Studies Elective 23</td>
<td>12</td>
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</tr>
</tbody>
</table>

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**Bachelor of Health Science (Health Information Management)/ Bachelor of Information Technology (Information Management) (IF85)**

**Location:** Gardens Point and Kelvin Grove campuses  
**Course Duration:** 4 years full-time  
**Total Credit Points:** 432  
**Course Coordinators:**  
*Health:* Ms Jenny Nicol  
*Information Technology:* Mr Michael Middleton

### Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Class Codes</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB105</td>
<td>CGP</td>
<td>0</td>
<td>(3 weeks)</td>
</tr>
<tr>
<td>ITB106</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB225</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LSB142</td>
<td>CGP</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PUB199</td>
<td>CKG</td>
<td>12</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Class Codes</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB310</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB510</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LSB361</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB220</td>
<td>CKG</td>
<td>12</td>
<td>4</td>
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<table>
<thead>
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<th>Year 2, Semester 1</th>
<th>Class Codes</th>
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<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>BSB115</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB410</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB322</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB233</td>
<td>CKG</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB356</td>
<td>CKG</td>
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<td>3</td>
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<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Class Codes</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB107</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB411</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB251</td>
<td>CKG</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PUB298</td>
<td>CKG</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB456</td>
<td>CKG</td>
<td>12</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
<th>Class Codes</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
<tbody>
<tr>
<td>ITB257</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWS001</td>
<td>CKG</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB314</td>
<td>CKG</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB380</td>
<td>CKG</td>
<td>12</td>
<td>3</td>
</tr>
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<td>PUB599</td>
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<tr>
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<th>Class Codes</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB222</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB331</td>
<td>CGP</td>
<td>12</td>
<td>3</td>
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</tbody>
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23 Refer to the Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.
<table>
<thead>
<tr>
<th>Year 4, Semester 1</th>
<th>Year 4, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB330 Information Issues &amp; Values</td>
<td>PUB619 Health Information Management 4</td>
</tr>
<tr>
<td>PUB529 Health Planning &amp; Evaluation</td>
<td>Information Technology Elective</td>
</tr>
<tr>
<td>PUB553 Professional Experience</td>
<td>Public Health Elective</td>
</tr>
<tr>
<td>ITB220 Database Design</td>
<td>ITB241 Information Technology Management</td>
</tr>
<tr>
<td>ITB324 Personal Productivity Software</td>
<td>OR</td>
</tr>
<tr>
<td></td>
<td>ITB340 Project (Information Management)</td>
</tr>
<tr>
<td></td>
<td>OR</td>
</tr>
<tr>
<td></td>
<td>ITB341 Strategic Information Management</td>
</tr>
</tbody>
</table>

**Bachelor of Information Technology/Bachelor of Education (Secondary) (IF79)**

**Location:** Gardens Point, Carseldine and Kelvin Grove campuses

**Course Duration:** 4 years full-time

**Total Credit Points:** 432

**Standard Credit Points/Full-Time Semester:** 54 (average). (Note that the minimum enrolment for full-time status varies each year.)

**Course Coordinators:**

*Education:* Dr Jenny Campbell

*Information Technology:* Mr Mike Roggenkamp

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Year 1, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB105 Study of Information Technology</td>
<td>CPB342 Education in Context</td>
</tr>
<tr>
<td>ITB106 Foundations of Computing</td>
<td>ITB107 Programming Laboratory</td>
</tr>
<tr>
<td>ITB225 Introduction to Databases</td>
<td>ITB310 Information Management</td>
</tr>
<tr>
<td>ITB410 Software Development 1</td>
<td>ITB510 Communications Networks</td>
</tr>
<tr>
<td>ITB412 Technology of Information Systems</td>
<td>LEB335 Human Development &amp; Education</td>
</tr>
</tbody>
</table>

**Year 2, Semester 1**

| ITB411 Software Development 2 | ITB220 Database Design |
| ITB222 System Analysis & Design | ITB424 Software Engineering Principles |
| LAB341 Language Technology & Education Minor |

**Year 2, Semester 2**

| ITB433 Programming Languages | LEB336 Psychology of Learning & Teaching |
| IT Elective Unit Minor | |

Location:

Gardens Point, Carseldine and Kelvin Grove campuses

Course Duration:

4 years full-time

Total Credit Points:

432

Standard Credit Points/Full-Time Semester:

54 (average). (Note that the minimum enrolment for full-time status varies each year.)

Course Coordinators:

Education: Dr Jenny Campbell

Information Technology: Mr Mike Roggenkamp

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Year 1, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB105 Study of Information Technology</td>
<td>CPB342 Education in Context</td>
</tr>
<tr>
<td>ITB106 Foundations of Computing</td>
<td>ITB107 Programming Laboratory</td>
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<tr>
<td>ITB225 Introduction to Databases</td>
<td>ITB310 Information Management</td>
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<tr>
<td>ITB410 Software Development 1</td>
<td>ITB510 Communications Networks</td>
</tr>
<tr>
<td>ITB412 Technology of Information Systems</td>
<td>LEB335 Human Development &amp; Education</td>
</tr>
</tbody>
</table>

**Year 2, Semester 1**

| ITB411 Software Development 2 | ITB220 Database Design |
| ITB222 System Analysis & Design | ITB424 Software Engineering Principles |
| LAB341 Language Technology & Education Minor |

**Year 2, Semester 2**

| ITB433 Programming Languages | LEB336 Psychology of Learning & Teaching |
| IT Elective Unit Minor | |
INTERFACULTY COURSES

Year 3, Semester 1
- IT Elective Unit 12 3
- IT Elective Unit 12 3
- IT Elective Unit 12 3
- Minor 24 3

Year 3, Semester 2
- PRB343 Secondary Professional Practice 1: Classroom Management 12 3
- PRB344 Secondary Professional Practice 2: Curriculum Decision Making 12 2
- Curriculum Studies 1X23 12 3
- Curriculum Studies 1Y23 12 3

Year 4, Semester 1
- CPB343 Secondary Professional Practice 3: The Inclusive Curriculum 12 2
- Curriculum Studies 2X 23 12 3
- Curriculum Studies 2Y 23 12 3

Year 4, Semester 2
- PRB346 Secondary Professional Practice 4: Beginning Teaching 12 3
- Education Studies Elective 23 12 3
- Education Studies Elective 23 12 3
- Curriculum Studies Elective 23 12 3

Information Technology Elective Units
Units should be chosen from units offered within the Bachelor of Information Technology (IT21), subject to fulfilling prerequisite requirements. Students should check with the Information Technology Course Coordinator before enrolling.

Bachelor of Information Technology/Bachelor of Laws (IF38)

Location: Gardens Point campus
Course Duration: 5 years full-time
Total Credit Points: 528
Standard Credit Points/Full-Time Semester: 52.8
Course Coordinators:
Information Technology: Mr Robert Smyth
Law: Associate Professor Phillip Tahmindjis

This course will be accredited by the Australian Computer Society as meeting the knowledge requirements associated with the grade of Member of the Society. 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 Handbook.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB105 Study of Information Technology</td>
<td>0</td>
<td>3 weeks</td>
</tr>
<tr>
<td>ITB106 Foundations of Computing</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB225 Introduction to Databases</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB410 Software Development 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB412 Technology of Information Systems</td>
<td>12</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB107 Programming Laboratory</td>
<td>12</td>
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<tr>
<td>ITB310 Information Management</td>
<td>12</td>
<td>3</td>
</tr>
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<td>ITB411 Software Development 2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB510 Communication Networks</td>
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</tr>
</tbody>
</table>

Refer to the Bachelor of Education (Secondary) entry in the Faculty of Education section for details of available units.


**Year 2, Semester 1**

- ITB220 Database Design: 12 credits, 3 units
- ITB221 3GL Systems: 12 credits, 3 units
- ITB222 Systems Analysis & Design: 12 credits, 3 units
- Introduction to Study in Law: 12 credits, 3 units
- LWB131/1 Law in Context: 12 credits, 3 units
- LWB134 Research & Legal Reasoning: 12 credits, 3 units

**Year 2, Semester 2**

- ITB223 4GL Systems: 12 credits, 3 units
- ITB257 Multimedia Systems: 12 credits, 3 units
- LWB131/2 Law in Context: 12 credits, 3 units
- LWB135 Legislation: 12 credits, 3 units

**Year 3, Semester 1**

- ITB241 Information Technology Management: 12 credits, 3 units
- ITB242 Management Support Systems: 12 credits, 3 units
- LWB132/1 Contracts: 12 credits, 3 units
- LWB133/1 Torts: 12 credits, 3 units
- LWB232/1 Criminal Law & Procedure: 12 credits, 3 units

**Year 3, Semester 2**

- ITB240 Group Project: 12 credits, 3 units
- LWB132/2 Contracts: 12 credits, 3 units
- LWB133/2 Torts: 12 credits, 3 units
- LWB232/2 Criminal Law & Procedure: 12 credits, 3 units

**Year 4, Semester 1**

- LWB231 Introduction to Public Law: 12 credits, 3 units
- LWB233/1 Property: 12 credits, 3 units
- LWB234/1 Equity & Trusts: 12 credits, 3 units
- LWB332 Commercial & Personal Property Law: 12 credits, 3 units

**Year 4, Semester 2**

- LWB233/2 Property: 12 credits, 3 units
- LWB234/2 Equity & Trusts: 12 credits, 3 units
- LWB235 Australian Federal Constitutional Law: 12 credits, 3 units
- LWB334 Corporate Law: 12 credits, 3 units

**Year 5, Semester 1**

- LWB333 Theories of Law: 12 credits, 3 units
- LWB431 Civil Procedure: 12 credits, 3 units
- LWB432 Evidence: 12 credits, 3 units
- Elective Units (1): 24 credits

**Year 5, Semester 2**

- LWB331 Administrative Law: 12 credits, 3 units
- LWB433 Professional Responsibility: 12 credits, 3 units
- LWB434 Advanced Research & Legal Reasoning: 12 credits, 3 units
- Elective Units26: 24 credits

**Elective Units**

For availability of Law elective units, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Law section. The offering of elective units in any semester is dependent upon sufficient minimum enrolments in the unit and the availability of staff. The selection of all elective units is subject to the approval of the Associate Dean of the Faculty of Law.

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26 A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units offered by other Faculties or Schools provided pre-requisites are satisfied but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units form a coherent program.
Bachelor of Surveying/Bachelor of Information Technology (IF54)

Course discontinued. No further intakes. Years 3 to 5 are offered to continuing students only.

**Location:** Gardens Point campus  
**Course Duration:** 5 years full-time  
**Total Credit Points:** 540  
**Standard Credit Points/Full-Time Semester:** 54 (average)

**Course Coordinators:**  
*Surveying:* Mr Kevin Jones  
*Information Technology:* Mr Michael Middleton

**Professional Recognition**  
This course meets the educational requirements of the Surveyors Board of Queensland for registration as a surveyor, but not for licensing, and also satisfies the academic requirements for admission as a member of both the Institution of Surveyors (Australia) and the Mapping Sciences Institute, Australia. The degree meets the requirements for membership of the Australian Computer Society (ACS).

**Special Course Requirements**  
Students must obtain at least 90 days of industrial experience/practice in a surveying environment approved by the course coordinator.

Students must, not later than the fourth week of semester immediately following each period of industrial experience/practice, submit to the course coordinator a report or diary in the required format, describing the work carried out during the period of experience/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from the School of Planning, Landscape Architecture, and Surveying Office or the Faculty Credit and Employment Officer, Level 10, S Block, Gardens Point. Should employment exceed the minimum required, it is strongly recommended that these details also be recorded in the report or diaries and certified by the employer as a record of experience which may be used when seeking registration or licensing by the Surveyors Board.

Students should not formally enrol in industrial experience/practice.

Students are required to:

(a) attend compulsory field practicals off-campus in the Moreton region.  
(b) have access to an advanced scientific calculator for use during the course.

**Full-Time Course Structure (Continuing Students only)**

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<tr>
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**Elective Units**

Elective units of 12 credit points may be chosen from any unit in a QUT degree course subject to prerequisite requirements and approval by one of the Course Coordinators. The offering of elective units in any semester depends on sufficient minimum enrolments and availability of staff.

### Year 5, Semester 2

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**Elective Units**

Elective units of 12 credit points may be chosen from any unit in a QUT degree course subject to prerequisite requirements and approval by one of the Course Coordinators. The offering of elective units in any semester depends on sufficient minimum enrolments and availability of staff.
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Master of Arts (Research) (AT22)

Offered in the:

Academy of the Arts: Dance, Drama, Music Visual Arts

School of Humanities: Applied Ethics, Applied Linguistics, Asia Pacific Studies, Gender Studies, Geography, History, Literature, Political Studies

School of Media & Journalism: Creative Writing, Film & Television Production, Journalism, Media Studies

School of Social Science: Counselling, Human Services (services for the aged/youth/child & family, corrective services, disability services, multicultural services), Psychology, Sociology.

Location:
Kelvin Grove: Academy of the Arts
Carseldine: School of Humanities, School of Social Science
Gardens Point: School of Media & Journalism

Course Duration:
3 year qualified entry: 1.5 years full-time, 3 years part-time
4 year qualified entry: 1 year full-time, 2 years part-time
(NB: Entry is normally with a GPA of 5.0 or above)

Total Credit Points:
3 year qualified entry: 144
4 year qualified entry: 96

Standard Credit Points Per Full-Time Semester: 48

Course Coordinator: Associate Professor Rod Wissler

Discipline Coordinators:

ACADEMY OF THE ARTS
Dance: Kristen Bell
Drama: Dr Jacqueline Martin
Music: Dr Adrian Thomas
Visual Arts: John Armstrong

HUMANITIES
All disciplines: Dr Peter Isaacs

MEDIA & JOURNALISM
Creative Writing: Associate Professor Philip Neilsen
Film & Television Production: Ms Jeanette McGown
Journalism: Mr Cratis Hippocrates
Media Studies: Dr Graham Bruce

SOCIAL SCIENCE
All disciplines: Dr Clive Bean

Course Structure

APPROVED THREE-YEAR QUALIFICATION ENTRY
Students normally will undertake 48 credit points of coursework and a 96 credit point research project.

APPROVED FOUR-YEAR QUALIFICATION ENTRY
Students normally will not undertake coursework units unless otherwise recommended by the Discipline Coordinator. They will be required to undertake a 96 credit point research project or thesis. With approval from the relevant Coordinator, students may enrol in 12 credit points of coursework and reduce the weighting of their research project to 84 credit points.
Research Component
The research component may be undertaken
☐ either as a research thesis (approximately 30,000–50,000 words, depending on the discipline)
☐ or as a creative or production-based project with a written component (approximately 10,000–20,000 words).

It is possible to undertake:
☐ a significant creative work such as a theatrical or musical production
☐ a long work of fiction or non-fiction
☐ a screen-based script or production
☐ a multi-media script or production.

Any project likely to involve University resources must have the support of the appropriate Head of School/Academy.

☐ Academy of the Arts

THREE YEAR QUALIFIED ENTRY

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<th>Semester 1</th>
<th>Credit points</th>
<th>Contact Hrs/Wk</th>
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Note: An Elective of 12 credit points is chosen by the student in consultation with their Principal Supervisor from university-wide offerings.

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Part-Time

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Note: An Elective of 12 credit points is chosen by the student in consultation with their Principal Supervisor from university-wide offerings.

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**Note 1:** The Graduate Seminar is taken in the final semester of enrolment.

**Note 2:** An Elective of 12 credit points is chosen by the student, in consultation with their Principal Supervisor, from university wide offerings.

## FOUR-YEAR QUALIFIED ENTRY

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## School of Humanities

### THREE-YEAR QUALIFIED ENTRY

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### Research Component

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### Semester 3
- ATN007/5 Research Project 5
- ATN007/6 Research Project 6
- ATN007/7 Research Project 7
- ATN007/8 Research Project 8

### THREE-YEAR QUALIFIED ENTRY

#### Part-Time
#### Coursework Units

**Semester 1**

EITHER
- ATN009 Arts Research Methods

OR
- HUB900 Research Contexts & Issues

PLUS
- ATN200 Graduate Seminar

**Semester 2**

- Elective
- Elective

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#### Research Component

**Semester 3**
- ATN007/1 Research Project 1
- ATN007/2 Research Project 2

**Semester 4**
- ATN007/3 Research Project 3
- ATN007/4 Research Project 4

**Semester 5**
- ATN007/5 Research Project 5
- ATN007/6 Research Project 6

**Semester 6**
- ATN007/7 Research Project 7
- ATN007/8 Research Project 8

### FOUR-YEAR QUALIFIED ENTRY

#### Full-Time

**Semester 1**
- ATN007/1 Research Project 1
- ATN007/2 Research Project 2
- ATN007/3 Research Project 3
- ATN007/4 Research Project 4

**Semester 2**
- ATN007/5 Research Project 5
- ATN007/6 Research Project 6
- ATN007/7 Research Project 7
- ATN007/8 Research Project 8

#### Part-Time

**Semester 1**
- ATN007/1 Research Project 1
- ATN007/2 Research Project 2

**Semester 2**
- ATN007/3 Research Project 3
- ATN007/4 Research Project 4

**Semester 3**
- ATN007/5 Research Project 5
- ATN007/6 Research Project 6
### Semester 4
- ATN007/7 Research Project 7: 12 credit points, 1 contact hour per week
- ATN007/8 Research Project 8: 12 credit points, 1 contact hour per week

### School of Media & Journalism

**NB:** Although you do not enrol in ATN200 Graduate Seminar, as required in the other three Schools, ALL candidates within the School of Media and Journalism must attend either:

- the research seminar series conducted by the Centre for Media Policy and Practice; or
- attend sessions relevant to their topic offered by other Schools or Faculties.

#### THREE-YEAR QUALIFIED ENTRY

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## School of Social Science

### Three-Year Qualified Entry

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### Research Component

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### FOUR-YEAR QUALIFIED ENTRY

#### Full-Time

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### Master of Fine Arts (AA24)

**Location:** Kelvin Grove campus

**Course Duration:** 1½ years full-time

**Total Credit Points:** 144

**Course Coordinator:** Professor Susan Street

**Discipline Coordinators:**

- **Acting Studio:** Ms Dianne Eden
- **Painting Studio:** Mr Dan Mafe
Independent Study:
– Dance: Professor Susan Street
– Drama: Dr Jacqueline Martin, Dianne Eden
– Music: Associate Professor Andy Arthurs
– Visual Arts: Mr John Armstrong

Course Structure

□ Acting Studio
Students undertake 144 credit points of approved units. Refer to your Discipline Coordinator for advice.

□ Painting Studio
Students undertake 144 credit points of approved units. Refer to your Discipline Coordinator for advice.

□ Independent Study

Full-Time Course Structure (suggested) Credit Points

Semester 1
- AAN011 Advanced Professional Practice 1 12
- AAN012 Advanced Professional Practice 2 12
- Electives 24

Semester 2
- AAN013 Advanced Professional Practice 3 24
- Electives 24

Semester 3
- AAN010 MFA Project 48

▲ Master of Communication Design (AA84)

Location: Kelvin Grove campus
Course Duration: 1 year full-time (3 semesters)
Total Credit Points: 144

Course Coordinator: Associate Professor Jeff Jones

Class Code: All Academy units have a class code of CKG, unless otherwise specified.

Full-time Course Structure Credit Points Contact Hrs/Wk

Semester 1
- AAB818 Introduction to Multimedia Technology 12 3
- AAB819 Electronic Publishing 12 3
- AAB808 Media Technology 2 (Introduction to Digital Media) 12 3
- Elective 12

Semester 2
- AAB803 Design Studio 2 (Digital Video) 12 3
- AAB809 Media Technology 3 (Interactive Design) 12 3
- AAB816 Interactive Writing 12 3
- Elective 12

Semester 3
- AAN851 Project 48

▲ Master of Social Science (Counselling) (SS12)

Location: Carseldine campus
Course Duration: 3 years part-time
Total Credit Points: 144

Standard Credit Points/Part-Time Semester: 24

Course Coordinator: Mr Glen Guy
Entry Requirements
To be eligible for admission, an applicant must have:
(i) an approved degree in a human service or related area
(ii) at least two years work experience
(iii) access to ongoing counselling related work with clients
(iv) personal suitability.

Course Structure

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<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSN004 Counselling Studies 3</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSN006 Professional Studies 2</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSN005 Research Methods &amp; Issues</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

One elective selected from:
<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSN009 Family Therapy Practice</td>
<td>12</td>
</tr>
<tr>
<td>SSN010 Career Counselling</td>
<td>12</td>
</tr>
<tr>
<td>SSN011 Independent Study</td>
<td>12</td>
</tr>
<tr>
<td>SSN012 Counselling &amp; Organisations</td>
<td>12</td>
</tr>
<tr>
<td>SSN013 Advanced Counselling Studies</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSN007 Professional Studies 3</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSN008/1 Project</td>
<td>12</td>
<td>3 (equiv)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSN008/2 Project</td>
<td>24</td>
<td>6 (equiv)</td>
</tr>
</tbody>
</table>

---

**Master of Social Science (Human Services) (SS16)**

**Location:** Carseldine campus

**Course Duration:** 1.5 years full-time/3 years part-time

**Total Credit Points:** 144

**Standard Credit Points/Full Time Semester:** 48

**Contact Person:** Dr Catherine McDonald

Entry requirements
To be eligible for admission, an applicant must have completed a three year undergraduate degree in human services or social work. Alternatively they must possess a non-human services three year undergraduate degree and be able to demonstrate employment experience in the community service industry of at least one years duration.

Full-time course structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSB440 The Logic of Social Inquiry</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSP020 Critical Issues in the Human Services</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSP021 Leadership in the Human Services</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Any ONE elective:
<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSN202 Managerial Accounting</td>
<td>12</td>
</tr>
<tr>
<td>GSN206 Marketing</td>
<td>12</td>
</tr>
<tr>
<td>MGN516 Policy Analysis</td>
<td>12</td>
</tr>
<tr>
<td>MGN517 Program Management &amp; Evaluation</td>
<td>12</td>
</tr>
<tr>
<td>SSB939 Alcohol &amp; Other Drug Studies</td>
<td>12</td>
</tr>
<tr>
<td>SSN000 Counselling Studies I</td>
<td>12</td>
</tr>
</tbody>
</table>
Year 1, Semester 2
SSB048 Managing Human Service Organisations 12 3
SSP022 Skills for the Contract Regime 12 3
SSP023 Managed Care & Case Management 12 3
Any ONE elective:
SSB030 Child & Family Services Advanced Practice 12 3
SSB031 Disability Services Advanced Practice 12 3
SSB032 Corrective Services Advanced Practice 12 3
SSB033 Aged Services Advanced Practice 12 3
SSB035 Services to Young People Advanced Practice 12 3
SSB939 Alcohol & Other Drug Studies 12 3
SSN013 Advanced Counselling Studies 12 3

Year 1, Semester 1 (or Summer semester)
SSP024/1 Practice Related Research 1 24
SSP024/2 Practice Related Research 2 24

■ Master of Social Science (Psychology) (SS17)
Location: Carseldine campus
Course Duration: 2 years full-time/4 years part-time (Only part-time available in 1999)
Total Credit Points: 144
Standard Credit Points/Part Time Semester: 24
Contact Person: Professor Gary Embelton
Entry requirements
Applicants must have completed a recognised APS accredited fourth year of training.

Part-Time Course Structure

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSN026 Advanced Counselling Psychology I</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSN027 Advanced Psychology Assessment</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Year 1, Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSN029 Advanced Counselling Psychology II</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSN030 Ethical Legal &amp; Supervision Issues on Counselling Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSN032/1 Supervised Practicum Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSN032/2 Supervised Practicum Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Year 3, Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSB440 Logic of Social Inquiry</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSN031/1 Research Thesis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Year 3, Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSN031/2 Research Thesis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSN031/3 Research Thesis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Year 4, Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSN031/4 Research Thesis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSN032/3 Supervised Practicum</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Year 4, Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSN032/4 Supervised Practicum</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
Graduate Diploma of Arts (Film & Television Production) (MJ23)
Graduate Diploma of Arts (Journalism) (MJ23)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time. The part-time mode of this course may not necessarily be available by evening study.

Total Credit Points: 96

Standard Credit Points/Part-Time Semester: 24

Course Coordinator: Associate Professor Philip Neilsen

Discipline Coordinators:
Journalism: Mr Cratis Hippocrates
Film & Television Production: Ms Jeanette McGown

Course Requirements

Applicants must have a degree or diploma from a recognised tertiary institution, with the proviso that diploma graduates may be required to undertake additional work at the discretion of the Course or Discipline Coordinator.

A limited number of special entry places will be available to practitioners in the relevant professions who, while possessing no formal degree, can demonstrate and document significant experiential grasp of their professions. 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 & television production, journalism and media studies graduates, if they enrol in the Graduate Diploma course, must select a major different from their undergraduate major.

Except in exceptional circumstances and with the approval of the Dean of the Faculty, a part-time student may not enrol for more than two units in any one semester. Prerequisites for all units with MJB codes may be waived for students in the Graduate Diploma in Arts at the discretion of the Course or Discipline Coordinator.

FILM AND TELEVISION PRODUCTION

Full-Time Course Structure

Year 1, Semester 1
MJB155  Media Production  12  3
MJB111  Media Writing  12  3
Elective  12

Select one of the following units:
MJP101  Media Theory  12  3
MJP103  Creative Writing Theory  12  3
MJP105  Theories of Journalism  12  3

Year 1, Semester 2
MJB185  Informational Production  12  3
MJP102  Media Policy Environment  12  3
MJB123  Screenwriting  12  3
Elective  12

Part-Time Course Structure

Year 1, Semester 1
MJB111  Media Writing  12  3

Select one of the following units:
MJP101  Media Theory  12  3
MJP103  Creative Writing Theory  12  3
MJP105  Theories of Journalism  12  3

Year 1, Semester 2
MJB155  Media Production  12  3
MJP102  Media Policy Environment  12  3

Year 2, Semester 1
Elective  12
MJB185  Informational Production  12  3
Year 2, Semester 2
MJB185 Informational Production 12 3
OR
Elective 12
Elective 12

JOURNALISM
Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>MJB120 Newswriting</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJB101 Journalism Information Systems</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJP105 Theories of Journalism</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Year 1, Semester 2
MJB121 Journalistic Inquiry 12 3
MJP102 Media Policy Environment 12 3
Elective 12
MJB224 Feature Writing 12 3
OR
MJB232 Radio & Television Journalism 12 3

Part-Time Course Structure

Year 1, Semester 1
MJB101 Journalism Information Systems 12 3
MJB120 Newswriting 12 3

Year 1, Semester 2
MJB121 Journalistic Inquiry 12 3
Elective 12

Year 2, Semester 1
MJP105 Theories of Journalism 12 3
MJB224 Feature Writing 12 3
OR
MJB232 Radio & Television Journalism 12 3

Year 2, Semester 2
MJP102 Media Policy Environment 12 3
Elective 12

Recommended electives for Graduate Diploma (Journalism) students include MJB275 Media Legal Issues and MJB239 Journalism Ethics and Issues.

Graduate Diploma in Dance Instruction (AA07)

Location: External (by correspondence)
Course Duration: 1 year full-time, 2 years part-time
Total Credit Points: 96
Fees: $75 per credit point
Course Coordinator: Ms Jude Smith

Full-time Course Structure (suggested)

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAP104 Safe Dance Practice</td>
<td>12</td>
</tr>
<tr>
<td>AAP125 Dance Analysis &amp; History</td>
<td>12</td>
</tr>
<tr>
<td>AAP191 Dance Teaching Methodologies</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 2</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAP190 Professional Practice &amp; Business Administration for Dance Teachers</td>
<td>12</td>
</tr>
<tr>
<td>AAP189 Dance Assessment &amp; Reporting Procedures</td>
<td>12</td>
</tr>
<tr>
<td>AAP192 Stagecraft &amp; Costume Design for Dance</td>
<td>12</td>
</tr>
</tbody>
</table>
**Summer Program**

AAP180 Dance Technique Studies 1 12  
AAP181 Dance Technique Studies 2 12

**Graduate Diploma in Social Science (Clinical Hypnosis) (SS30)**

Applicants must hold a degree in medicine, dentistry or psychology (4 year trained)

**Location:** Carseldine campus

**Course Duration:** 2 years part-time

**Total Credit Points:** 96

**Standard Credit Points/Part-Time Semester:** 24

**Course Coordinator:** Dr Kathryn Gow

<table>
<thead>
<tr>
<th>Part-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
</table>

**Year 1 Semester 1**

- SSP300 Clinical Hypnosis: Foundations in Theory & Practice 12 3
- SSP301 Hypnosis: Processes & Techniques 12 3

**Year 1 Semester 2**

- SSP302 Clinical Applications of Hypnosis: General & Discipline Based 12 3
- SSP307 Clinical Case Supervision (Group & Individual) 12 2

**Year 2 Semester 1**

- SSP304 Foundations of Effective Clinical Research in Hypnosis 12 3
- SSP306/1 Dissertation: Clinical Research Review 12 1

**Year 2 Semester 2**

- SSP306/2 Dissertation: Clinical Research Review 12 1
- SSP306/3 Dissertation: Clinical Research Review 12 1

Intending full-time students should contact the Course Coordinator for program details.

**Graduate Diploma in Social Science (Human Services) (SS15)**

**Location:** Carseldine campus

**Course Duration:** 1 year full-time/2 years part-time

**Total Credit Points:** 96

**Standard Credit Points/Full Time Semester:** 48

**Contact Person:** Dr Catherine McDonald

**Entry Requirements**

Applicants must have completed a three year undergraduate degree in human services or social work. Alternatively, they must possess a non-human services three year undergraduate degree and be able to demonstrate employment experience in the community service industry of at least one years duration.

**Year 1, Semester 1**

- SSP020 Critical Issues in the Human Services 12 3
- SSP021 Leadership in the Human Services 12 3

Any TWO electives:

- GSN202 Managerial Accounting 12 3
- GSN206 Marketing 12 3
- MGN516 Policy Analysis 12 3
- MGN517 Program Management & Evaluation 12 3
- SSB440 The Logic of Social Inquiry 12 3
- SSB939 Alcohol & Other Drug Studies 12 3
- SSN000 Counselling Studies I 12 3

**Year 1, Semester 2**

- SSP048 Managing Human Service Organisations 12 3
- SSP022 Skills for the Contract Regime 12 3
- SSP023 Managed Care & Case Management 12 3
Any ONE elective:
SSB030 Child & Family Services Advanced Practice 12 3
SSB031 Disability Services Advanced Practice 12 3
SSB032 Corrective Services Advanced Practice 12 3
SSB033 Aged Services Advanced Practice 12 3
SSB035 Services to Young People Advanced Practice 12 3
SSB939 Alcohol & Other Drug Studies 12 3
SSN013 Advanced Counselling Studies 12 3

Professional Recognition
Graduates are provided with an opportunity to enhance their professional and career development. It also provides specific knowledge and abilities for professionals wishing to pursue a career in human services.

■ Graduate Diploma in Social Science (Psychology) (SS20)

Location: Carseldine campus

Course Duration: 1 year full-time, 2 years part-time. The part-time mode of this course may not be necessarily available by evening study.

Total Credit Points: 96

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr Doug Mahar

Entry Requirements
Applicants must meet the following entry requirements:

(i) Completion of either of the two following undergraduate degrees:
   - Bachelor of Social Science (Psychology) (SS07)
   - Any undergraduate degree which would allow the student to apply for entry to an Australian Psychological Society (APS) accredited Honours (Psychology) program.

(ii) In the above undergraduate degree, the applicant must have achieved a minimum grade-point average of 5.0 in the APS accredited second and third year Psychology units included in that degree.

(iii) External applicants must provide certified copies of their complete academic transcripts.

(iv) Applicants who meet the above criteria may be required to complete a selection questionnaire and/or attend a selection interview.

(v) In exceptional circumstances, students who do not meet the above criteria may be admitted by the Dean of the Faculty of Arts in consultation with the Course Coordinator.

In all cases, the student must meet the normal prerequisites for the selected units unless waived by the unit coordinator.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSB998/1 Research Thesis</td>
<td>12</td>
<td>As required</td>
</tr>
</tbody>
</table>

One research methods unit selected from the following options:
SSB962 Survey Methods 12 3
SSB991 Advanced Research Methods 12 3
SSB440 Logic of Social Inquiry 12 3
ATN009 Advanced Arts Research Methods 12 3

Two advanced Psychology units selected from the following options:
SSB992 Counselling Psychology 12 3
SSB994 Advanced Social & Developmental Psychology 12 3
SSB995 Advanced Organisational Psychology 12 3

Year 1, Semester 2

| SSB997 Research & Professional Development Seminar | 12 | 3 |
| SSB998/2 Research Thesis | 12 | As required |
| SSB998/3 Research Thesis | 12 | As required |

One undergraduate unit selected from a list of approved alternatives
(a pass mark of 65% applies to Diploma students in this unit) 12 3
Part-Time Course Structure
Please contact the Course Coordinator via the School of Social Science on (07) 3864 4625 for advice on nominating a part-time course load.

Graduate Certificate in Arts (Creative Writing) (MJ24)
Location: Gardens Point campus
Course Duration: 1 semester full-time or 1 year part-time
Total Credit Points: 48
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Associate Professor Philip Neilsen
Discipline Head: Associate Professor Philip Neilsen

Course Requirements
Applicants will normally have a Bachelor degree in any field, although other evidence that a candidate could cope adequately with postgraduate study (for example, employment at a relatively senior level, relevant industry experience) will be looked on favourably.

The following two units must be completed as part of the Certificate: MJB350 and MJP103.

| Part-Time Course Structure | Credit Points | Contact Hrs/ Wk |
|----------------------------|---------------|----------------|}
| Semester 1                 |               |                |
| MJB350 Creative Writing & Publishing 12 | 3            |
| MJP103 Creative Writing Theory 12 | 3           |
| Semester 2                 |               |                |
| MJB229 Film & Television Scriptwriting 12 | 3          |
| Select ONE of the following units: |               |                |
| MJB111 Media Writing 12 | 3            |
| MJB250 Language & Literature 12 | 3          |
| MJB380 Non-fiction Creative Writing 12 | 3          |

Notes
1. Full-time mode is possible. For further information consult the Discipline Head.
2. Students commencing mid year should note MJP103 is available in Semester 1 only. For further information on enrolment and unit selection consult the Discipline Head.

Graduate Certificate in Arts (Film & Television Production) (MJ25)
Location: Gardens Point campus
Course Duration: 1 semester full time or 1 year part-time
Standard Credit Points/Full Time Semester: 48
Course Coordinator: Associate Professor Philip Neilsen
Discipline Head: Ms Jeanette McGown

Course Structure
FILM AND TELEVISION PRODUCTION
Full-Time Course Structure
Students must complete either MJP102 or MJP103 as part of the certificate.

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td></td>
</tr>
<tr>
<td>MJP111 Media Writing 12</td>
<td>3</td>
</tr>
<tr>
<td>MJP155 Media Production 12</td>
<td>3</td>
</tr>
<tr>
<td>MJP185 Informational Production 12</td>
<td>3</td>
</tr>
</tbody>
</table>
Select ONE of the following units:
MJP101 Media Theory 12 3
MJP102 Media Policy Environment 12 3
MJP103 Creative Writing Theory 12 3
MJP105 Theories of Journalism 12 3

Part-Time Course Structure
Students must complete either MJP102 or MJP103 as part of the certificate.

Year 1, Semester 1
MJP155 Media Production 12 3
MJP103 Creative Writing Theory 12 3

Year 1, Semester 2
MJP185 Informational Production 12 3
Select one of the following units:
MJB260 Community & Educational Video 12 3
MJP111 Media Writing 12 3

Note: Students commencing mid year should consult the Course Coordinator for further information on enrolment and unit selection.

Graduate Certificate in Arts (Journalism) (MJ26)
Location: Gardens Point campus
Course Duration: 1 semester full time or 1 year part-time
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Associate Professor Philip Neilsen
Discipline Head: Mr Cratis Hippocrates

Course Structure
JOURNALISM

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>MJP105 Theories of Journalism</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJP120 Newswriting</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJP224 Feature Writing</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJP232 Radio and Television Journalism I</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Part-Time Structure

Year 1, Semester 1
MJP105 Theories of Journalism 12 3
MJP120 Newswriting 12 3

Year 1, Semester 2
MJP224 Feature Writing 12 3
MJP232 Radio and Television Journalism I 12 3

Note: Students commencing mid year should consult the Discipline Head for further information on enrolment and unit selection.

Graduate Certificate in Clinical and Experimental Hypnosis (SS31)
Applicants must hold a degree in medicine, dentistry or psychology (4 year trained)
Location: Carseldine campus
Course Duration: 1 year part-time
Total Credit Points: 48
Standard Credit Points/Part-Time Semester: 24
Course Coordinator: Dr Kathryn Gow
Part-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSP304 Foundations of Effective Clinical &amp; Experimental Research in Hypnosis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSP306/1 Dissertation: Clinical Research Review</td>
<td>12</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSP306/2 Dissertation: Clinical Research Review</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>SSP306/3 Dissertation: Clinical Research Review</td>
<td>12</td>
<td>1</td>
</tr>
</tbody>
</table>

Graduate Certificate in Clinical Hypnosis Practice (SS32)

Applicants must hold a degree in medicine, dentistry or psychology (4 year trained)

Location: Carseldine campus

Course Duration: 1 year part-time

Total Credit Points: 48

Standard Credit Points/Part-Time Semester: 24

Course Coordinator: Dr Kathryn Gow

Part-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1 Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSP300 Clinical Hypnosis: Foundations in Theory &amp; Practice</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSP301 Hypnosis: Processes &amp; Techniques</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1 Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSP302 Clinical Applications of Hypnosis: General &amp; Discipline Based</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSP307 Clinical Case Supervision (Group and Individual)</td>
<td>12</td>
<td>2</td>
</tr>
</tbody>
</table>

Graduate Certificate in Dance Instruction (AA06)

Location: External (by correspondence)

Course Duration: 6 months full-time, 1 year part-time

Total Credit Points: 48

Fees: $75 per credit point

Course Coordinator: Ms Jude Smith

Full-time Course Structure (suggested)

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAP104 Safe Dance Practice (core)</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>and ONE of the following</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AAP125 Dance Analysis &amp; History (elective)</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>AAP189 Dance Assessment &amp; Reporting Procedures (elective)</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>AAP191 Dance Teaching Methodologies (elective)</td>
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<table>
<thead>
<tr>
<th>Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAP190 Professional Practice &amp; Business Administration for Dance Teachers (core)</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>and ONE of the following</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AAP125 Dance Analysis &amp; History (elective)</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>AAP189 Dance Assessment &amp; Reporting Procedures (elective)</td>
<td>12</td>
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<tr>
<td>AAP191 Dance Teaching Methodologies (elective)</td>
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<tr>
<td>AAP180 Dance Technique Studies 1 (elective)</td>
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</table>

1 Offered in Summer Program only.
Bachelor of Arts (Honours) (Communication Design) (AA82)

Location: Kelvin Grove campus
Course Duration: 1 year full-time
Total Credit Points: 96
Course Coordinator: Associate Professor Jeff Jones
Class Code: All Academy units have a class code of CKG, unless otherwise specified.

Course Structure

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAB001/1 Research Project</td>
<td>24</td>
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<tr>
<td>AAB850 Research &amp; Development</td>
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</tr>
<tr>
<td>Elective</td>
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<table>
<thead>
<tr>
<th>Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>AAB001/2 Research Project</td>
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<tr>
<td>AAB002 Graduate Seminar</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Bachelor of Arts (Honours) (Dance/Drama/Visual Arts) (AA40)

With majors in Dance, Drama, Visual Arts
Location: Kelvin Grove campus
Course Duration: 1 year full-time
Total Credit Points: 96
Discipline Coordinators:
Dance: Ms Kristen Bell
Drama: Dr Paul Makeham
Visual Arts: Dr Andrew McNamara

Course Structure

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAB001/1 Research Project</td>
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<tr>
<td>AAB004 Contemporary Aesthetic Debates</td>
<td>12</td>
<td>3</td>
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<tr>
<td>Select from list A</td>
<td>12</td>
<td>3</td>
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<tr>
<td>Elective2</td>
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<table>
<thead>
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<th>Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
<tbody>
<tr>
<td>AAB001/2 Research Project</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>AAB002 Graduate Seminar</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

List A
- AAB005 Readings in Visual Arts | 12 | 3 |
- AAB275 Reading Performance | 12 | 3 |
- AAN200 Dramaturgy | 12 | 3 |
- AAN202 Textual Analysis | 12 | 3 |

Bachelor of Arts (Honours) (Film & Television Production/Journalism/Media Studies) (MJ21)

With majors in Film and Television Production, Journalism and Media Studies
Location: Gardens Point campus
Course Duration: 1 year full-time, 2 years part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Associate Professor Philip Neilsen

2 Students may choose from units offered elsewhere in the University, which are deemed by the Discipline Coordinator to be relevant to the research project.
Course Requirements
Applicants must have:

- completed a Bachelor of Arts 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 who produce evidence of other qualifications and/or experience which is considered by the Faculty Academic Board on advice of the Course Coordinator to qualify the candidate for admission, may be accepted.

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
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<td></td>
</tr>
<tr>
<td>ATN009 Arts Research Methods</td>
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<td>3</td>
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<tr>
<td>MJP101 Media Theory</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJP107/1 Dissertation</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>MJP105 Theories of Journalism or</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MJP103 Creative Writing Theory</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

| Year 1, Semester 1         |               |                |
| MJP102 Media Policy Environment | 12    | 3              |
| MJP107/2 Dissertation      | 12            | 1              |
| MJP107/3 Dissertation      | 12            | 1              |
| MJP107/4 Dissertation      | 12            | 1              |

| Part-Time Course Structure |               |                |
| **Year 1, Semester 1**     |               |                |
| ATN009 Arts Research Methods | 12          | 3              |
| Select one of the following units: |           |                |
| MJP101 Media Theory        | 12            | 3              |
| MJP105 Theories of Journalism or | 12        | 3              |
| MJP103 Creative Writing Theory | 12          | 3              |

| Year 1, Semester 2         |               |                |
| MJP102 Media Policy Environment | 12    | 3              |
| MJP107/1 Dissertation      | 12            | 1              |

| Year 2, Semester 1         |               |                |
| MJP107/2 Dissertation      | 12            | 1              |
| Select one of the following units: |           |                |
| MJP101 Media Theory        | 12            | 3              |
| MJP105 Theories of Journalism or | 12        | 3              |
| MJP103 Creative Writing Theory | 12          | 3              |

| Year 2, Semester 2         |               |                |
| MJP107/3 Dissertation      | 12            | 1              |
| MJP107/4 Dissertation      | 12            | 1              |

### Bachelor of Arts (Honours) (Humanities) (HU21)

**Location:** Carseldine Campus

**Course Duration:** 1 year full-time; 2 years part-time

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Gary Ianziti, E221 CA, 3864 4581

<table>
<thead>
<tr>
<th>Course Structure</th>
<th>Credit Hrs/Wk</th>
<th>Contact Offered</th>
<th>Semester</th>
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<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
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<tr>
<td>HUB901 Literature Review</td>
<td>12</td>
<td>1</td>
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<tr>
<td>HUB902 Honours Dissertation I</td>
<td>12</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>SSB442 The Logic of Social Enquiry</td>
<td>12</td>
<td>3</td>
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<tr>
<td>Elective</td>
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<td>3</td>
<td></td>
</tr>
</tbody>
</table>

266
Year 1, Semester 2

HUB903 Honours Dissertation II 36 2
SSB444 Research Colloquium 12 3 1

Electives

Electives are to be chosen from a list of advanced seminars available from the Honours Coordinator, including:

HUB758 Seminar in Applied Ethics Research Methods 12 3 1
HUB624 Seminar in Asia/Pacific Studies 12 3 1
HUB704 Seminar in Indigenous Film and Text 12 3 1

Note: Language Students

1. Language students will, where appropriate, do extensive work in HUB901, and HUB902 and HUB903 in the target language. Where feasible the Honours Dissertation will be written in the target language.

2. Language students may, if they wish, exercise an option to substitute HUB906 Overseas Study for HUB900 and their first semester elective. Students who elect this option must make arrangements with their supervisor for completing HUB901 and HUB902 in the distance mode.

Course Requirements for 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 the assessed units (HUB900, HUB901, and the elective) plus the mark awarded to the dissertation, 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 the School.

Pre-enrolment of Commencing Students

Commencing students have been pre-enrolled in their units for the year. Any student not entering the first year of the course or who has been given credit for one or more of the listed units should rule a line through the exempted unit code/s and unit title/s. Please add in the available space, the alternative unit/s you wish to enrol in. If insufficient space, please attach a separate page to your form. If requested to select electives, please nominate the unit codes and unit titles on your form, in the space provided below the preprinted unit details.

Bachelor of Music (Honours) (AA92)

Location: Kelvin Grove campus
Course Duration: 1 year full-time
Total Credit Points: 96
Course Coordinator: Associate Professor Andy Arthurs
Class Code: All Academy units have a class code of CKG, unless otherwise specified.

<table>
<thead>
<tr>
<th>Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>Semester 1</td>
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<td></td>
</tr>
<tr>
<td>AAB001/1 Research Project</td>
<td>24</td>
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</tr>
<tr>
<td>AAB850 Research &amp; Development</td>
<td>12 3</td>
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</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AAB001/2 Research Project</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>AAB002 Graduate Seminar</td>
<td>12 3</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
Bachelor of Social Science (Human Services) (Honours) (SS14)

Location: Carseldine campus
Course Duration: 1 year full-time/2 years part-time
Total Credit Points: 96
Standard Credit Points/Full Time Semester: 48
Contact Person: Dr Catherine McDonald

Entry Requirements
For QUT applicants graduating from the Bachelor Social Science (Human Services) the following is required:

☐ An overall GPA of 5
☐ A grade of 5 for the subject SSB058 Social Inquiry

For applicants graduating from other degrees the following is required:

☐ An overall GPA of 5
☐ Completion of at least 8 units out of 16 at the second and third year level in human service subjects or their equivalent.
☐ A grade of 5 in at least two of these subjects.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>SSB440 The Logic of Social Inquiry 12</td>
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<tr>
<td>SSP020 Critical Issues in the Human Services 12</td>
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<tr>
<td>SSB451/1 Research Thesis 12</td>
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<tr>
<td>SSB451/2 Research Thesis 12</td>
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<table>
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<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>SSB451/3 Research Thesis 12</td>
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<tr>
<td>SSB451/4 Research Thesis 12</td>
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</tr>
<tr>
<td>SSB451/5 Research Thesis 12</td>
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<tr>
<td>SSB451/6 Research Thesis 12</td>
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Part-time course structure

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<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>SSB440 The Logic of Social Inquiry 12</td>
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<tr>
<td>SSP020 Critical Issues in the Human Services 12</td>
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<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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</thead>
<tbody>
<tr>
<td>SSB451/1 Research Thesis 12</td>
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<tr>
<td>SSB451/2 Research Thesis 12</td>
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<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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</thead>
<tbody>
<tr>
<td>SSB451/3 Research Thesis 12</td>
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<tr>
<td>SSB451/4 Research Thesis 12</td>
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<table>
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<tr>
<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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</thead>
<tbody>
<tr>
<td>SSB451/5 Research Thesis 12</td>
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<td></td>
</tr>
<tr>
<td>SSB451/6 Research Thesis 12</td>
<td>As required</td>
<td></td>
</tr>
</tbody>
</table>

Professional Recognition
Graduates from the Honours program may choose to enter the workforce in the community services industry, or pursue further study. An Honours degree is the basic pre-requisite for advanced research-based study at either Masters or PhD level. An Honours degree also indicates that the graduates course of study during the entire program was of a very high standard.

Bachelor of Social Science (Honours) (Psychology) (SS09)

Location: Carseldine campus
Course Duration: 1 year full-time, 2 years part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Sandy Smith
Entry to Honours and Postgraduate Programs

To be eligible for entry into the Bachelor of Social Science (Honours) Psychology program, applicants must have completed 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 Social Science (Psychology)
(ii) other approved courses in Psychology accredited by the Australian Psychological Society.

For internal applicants, the base level requirements for consideration for inclusion in the Honours program will be:

☐ a minimum Grade Point Average of 5.0 in the overall undergraduate degree program
☐ a minimum overall Grade Point Average of 5.0 in nine prescribed second and third year Psychology subjects or their equivalent:

- SSB913 Developmental Psychology
- SSB915 Social Psychology
- SSB931 Human Learning & Motivation
- SSB933 Cognitive Psychology
- SSB934 Physiological Psychology
- SSB936 Personality and Psychopathology
- SSB941 Psychological Assessment
- SSB950 Research Design & Data Analysis
- SSB951 Advanced Statistical Analysis

For external applicants, 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>SSB990/1</td>
<td>Research Thesis Part 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB991</td>
<td>Advanced Research Methods</td>
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<tr>
<td>Two units from these Advanced Psychology options:</td>
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<tr>
<td>SSB992</td>
<td>Counselling Psychology</td>
<td>12</td>
<td>3</td>
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<tr>
<td>SSB993</td>
<td>Cognitive Neuropsychology</td>
<td>12</td>
<td>3</td>
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<tr>
<td>SSB994</td>
<td>Advanced Social &amp; Developmental Psychology</td>
<td>12</td>
<td>3</td>
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<tr>
<td>SSB995</td>
<td>Advanced Organisational Psychology</td>
<td>12</td>
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</tbody>
</table>

| Semester 2  |                                                 |               |               |
| SSB990/2    | Research Thesis Part 2                          | 12            |               |
| SSB990/3    | Research Thesis Part 3                          | 12            |               |
| SSB990/4    | Research Thesis Part 4                          | 12            |               |
| SSB997      | Research & Professional Development Seminar     | 12            |               |

Part-time Course Structure

Year 1, Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSB991</td>
<td>Advanced Research Methods</td>
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<td>3</td>
</tr>
<tr>
<td>One of these Advanced Psychology options:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>SSB992</td>
<td>Counselling Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB993</td>
<td>Cognitive Neuropsychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB994</td>
<td>Advanced Social &amp; Developmental Psychology</td>
<td>12</td>
<td>3</td>
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<tr>
<td>SSB995</td>
<td>Advanced Organisational Psychology</td>
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Year 1, Semester 2

<table>
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<th>Contact Hrs/Wk</th>
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</thead>
<tbody>
<tr>
<td>SSB990/1</td>
<td>Research Thesis Part 1</td>
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<td>3</td>
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<tr>
<td>SSB997</td>
<td>Research &amp; Professional Development Seminar</td>
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</table>
Year 2, Semester 1
SSB990/2 Research Thesis Part 2 12

One of these Advanced Psychology options:
SSB992 Counselling Psychology 12 3
SSB993 Cognitive Neuropsychology 12 3
SSB994 Advanced Social & Developmental Psychology 12 3
SSB995 Advanced Organisational Psychology 12 3

Year 2, Semester 2
SSB990/3 Research Thesis Part 3 12
SSB990/4 Research Thesis Part 4 12

#### Bachelor of Social Science (Honours) (Sociology) (SS13)

**Location:** Carseldine campus  
**Course Duration:** 1 year full-time, 2 years part-time  
**Total Credit Points:** 96  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Dr Paul Harrison

**Entry Requirements**  
Minimum requirement for entry:  
☐ a GPA of 5.0 over all undergraduate units  
☐ completion of a major in Sociology equivalent to 8 units out of 16 at second and third year level.

Normally:  
☐ students will have the QUT Sociology extended major of 10 units out of 16 at second and third year level. However, students with a simple major of 8 units or of 10 will be considered.  
☐ students will apply within the final year of their pass degree.

**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 research colloquium will foster oral communication skills relevant to conference presentations. The thesis will be completed under the guidance of an individual supervisor.

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSB448/1</td>
<td>Research Thesis 1</td>
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<tr>
<td>SSB448/2</td>
<td>Research Thesis 2</td>
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<tr>
<td>SSB442</td>
<td>Advanced Seminar in Sociological Research</td>
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<td></td>
<td>Approved Elective</td>
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<thead>
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<th>Contact Hrs/ Wk</th>
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<tbody>
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<td>SSB448/3</td>
<td>Research Thesis 3</td>
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<td>SSB448/4</td>
<td>Research Thesis 4</td>
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<td>SSB448/5</td>
<td>Research Thesis 5</td>
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<tr>
<td>SSB444</td>
<td>Research Colloquium</td>
<td>12</td>
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</tbody>
</table>

#### Bachelor of Arts (Creative Writing Production) (MJ20)  
Bachelor of Arts (Film and Television Production) (MJ20)  
Bachelor of Arts (Journalism) (MJ20)  
Bachelor of Arts (Media Studies) (MJ20)

**Location:** Gardens Point campus  
**Course Duration:** 3 years full-time  
**Total Credit Points:** 288
Standard Credit Points/Full-Time Semester: 48

Course Coordinator: TBA

Discipline Coordinator:
Creative Writing Production: Associate Professor Philip Neilsen
Film and Television Production: Ms Jeanette McGown
Journalism: Mr Cratis Hippocrates
Media Studies: Dr Graham Bruce

Transitional Arrangements for Continuing Students
Continuing students who commenced studies prior to 1996 in the degrees Bachelor of Business Film and Television Production and Bachelor of Business Journalism are free to continue their studies as per the courses in the 1995 Handbook. Where unit names have changed, some substitution may be necessary. Please contact your Discipline Coordinator. Continuing students who commenced their studies in the Bachelor of Arts Media Studies prior to 1998 should continue their course structures as displayed on the Discipline Coordinators noticeboard outside B527, Gardens Point campus or online at the Media Studies web site at http://www.maj.arts.edu.au/courses/homenew.html. Students who commenced their studies in the Bachelor of Arts Media Studies in 1998 and those commencing in 1999 should follow the attached course structure.

Course Requirements
Students must complete two Faculty Foundation Units, a School core of six units and one of the major study strands offered by the School of Media and Journalism. They may choose to complete one or more minor study sequences or a range of elective units.

Faculty Foundation Units
2 from 5 units with none designated by major:
MJB140 Media & Society
AAB051 Arts in Society
HUB600 Australian Society & Culture
SSB002 Introduction to Human Rights
HUB687 Contemporary Moral Issues
HUB331 Asian Identities

School Core
6 from 8 units with up to 3 designated by major (choose from those units not already in your Major core):
MJB111 Media Writing
MJB120 Newswriting
MJB155 Media Production
MJB204 Media Industries & Issues
MJB250 Language & Literature
MJB275 Media Legal Issues
MJB314 Media Business
MJB336 New Media Technologies

CREATIVE WRITING PRODUCTION (CWP)

Full-Time Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>MJB111 Media Writing (School Core Unit)</td>
<td>12</td>
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<tr>
<td>MJB120 Newswriting (School Core Unit)</td>
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<tbody>
<tr>
<td>MJB224 Feature Writing</td>
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<td>MJB250 Language &amp; Literature</td>
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<tr>
<td>Faculty Foundation Unit Student Choice</td>
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<tr>
<td>Elective</td>
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</table>

3 The units HUB600 and HUB331 are to be offered in alternate years. HUB600 is to be offered in even numbered years and HUB331 is to be offered in odd numbered years. Please consult the Faculty of Arts timetable in the relevant semester for confirmation of offering.
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<thead>
<tr>
<th>Year 2, Semester 1</th>
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<tbody>
<tr>
<td>MJB229 Film &amp; Television Scriptwriting</td>
<td>12 3</td>
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<tr>
<td>MJB350 Creative Writing &amp; Publishing</td>
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<tbody>
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<td>HUB712 Australian Childrens &amp; Adolescent Fiction</td>
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<tr>
<td>MJB380 Non-fiction Creative Writing</td>
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<td>MJB370 Advanced Creative Writing &amp; Publishing</td>
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<tr>
<td>MJB390 Supervised Project</td>
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### Part-Time Structure

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<tr>
<td>HUB712 Australian Childrens &amp; Adolescent Fiction</td>
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<td>MJB380 Non-fiction Creative Writing</td>
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<tr>
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<th>Year 5, Semester 2</th>
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<tr>
<td>MJB336 New Media Technologies (School Core Unit)</td>
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<td>MJB390 Supervised Project</td>
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<td>Elective</td>
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FILM AND TELEVISION PRODUCTION MAJOR (FTV)

Full-Time Structure  
Credit Points  
Contact Hrs/Wk

**Year 1, Semester 1**
- MJB111 Media Writing (School Core Unit) 12 3
- MJB155 Media Production (School Core Unit) 12 3
- Faculty Foundation Unit  Student Choice 12
- Elective 12

**Year 1, Semester 2**
- MJB123 Screenwriting 12 3
- MJB185 Informational Production 12 3
- Faculty Foundation Unit  Student Choice 12
- Elective 12

**Year 2, Semester 3**
- MJB190 Creative Production 24 6
- MJB314 Media Business (School Core Unit) 12 3
- Elective 12

**Year 2, Semester 4**
- MJB265 Corporate Production 24 6
- School Core Unit  Student Choice 12
- Elective 12

**Year 3, Semester 5**
- MJB360 Documentary Production 24 6
- School Core Unit  Student Choice 12
- Elective 12

**Year 3, Semester 6**
- MJB270 Drama Production 24 6
- School Core Unit  Student Choice 12
- Elective 12

JOURNALISM MAJOR (JOU)

Professional Recognition
This degree is recognised by the Media Entertainment and Arts Alliance.

Full-Time Structure  
Credit Points  
Contact Hrs/Wk

**Year 1, Semester 1**
- MJB101 Journalism Information Systems 12 3
- MJB120 Newswriting (School Core Unit) 12 3
- Faculty Foundation Unit  Student Choice 12
- School Core Unit  Student Choice 12

**Year 1, Semester 2**
- MJB121 Journalistic Inquiry 12 3
- MJB180 Speech Communication for Journalists 12 3
- Faculty Foundation Unit  Student Choice 12
- School Core Unit  Student Choice 12

**Year 2, Semester 1**
- MJB224 Feature Writing 12 3
- MJB239 Journalism Ethics & Issues 12 3
- MJB155 Media Production (School Core Unit) 12 3
- Elective 12

**Year 2, Semester 2**
- MJB232 Radio & Television Journalism 1 12 3
- MJB275 Media Legal Issues (School Core Unit) 12 3
- School Core Unit  Student Choice 12
- Elective 12

**Year 3, Semester 1**
- MJB322 Sub-editing & Layout 12 3
- MJB338 Radio & Television Journalism 2 12 3
- Elective 12
- Elective 12
### Year 3, Semester 2
- MJB303 News Production 12 3
- MJB337 Public Affairs Reporting 12 3
- Elective 12
- Elective 12

### MEDI A STUDIES MA JOR (MES)

#### Full-Time Structure

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Title</th>
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<td>1, Semester 1</td>
<td>MJB130</td>
<td>Media Text Analysis</td>
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<td>MJB141</td>
<td>Film &amp; Television Language</td>
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<td>MJB204</td>
<td>Media Industries &amp; Issues (School Core Unit)</td>
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<tr>
<td>1, Semester 2</td>
<td>MJB147</td>
<td>Film &amp; Television Genres</td>
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<td>MJB233</td>
<td>Television Cultures</td>
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<td>MJB209</td>
<td>Australian Television</td>
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<td>MJB336</td>
<td>New Media Technologies (School Core Unit)</td>
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<td>School Core Unit Student Choice</td>
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<td>plus ONE of the following units:</td>
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<tr>
<td></td>
<td>MJB305</td>
<td>American Film &amp; Society</td>
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<tr>
<td></td>
<td>MJB346</td>
<td>Australian Documentary: Film &amp; Television</td>
<td>12</td>
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<td>3, Semester 1</td>
<td>MJB343</td>
<td>Australian Film</td>
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<td>MJB349</td>
<td>Media Audiences</td>
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<td>3, Semester 2</td>
<td>MJB348</td>
<td>Applied Media Research</td>
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<td>MJB307</td>
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<tr>
<td></td>
<td>MJB344</td>
<td>European Cinema</td>
<td>12</td>
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<td>MJB310</td>
<td>Asian and Latin American Cinema</td>
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#### Part-Time Course Structure

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<th>Course Title</th>
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<tr>
<td>1, Semester 1</td>
<td>MJB130</td>
<td>Media Text Analysis</td>
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<tr>
<td>1, Semester 2</td>
<td>MJB147</td>
<td>Film &amp; Television Genres</td>
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**MINOR**

A minor in Creative Writing is available by completing four units as follows:

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<thead>
<tr>
<th>Minor Units</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>MJB111 Media Writing</td>
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<td>MJB229 Film &amp; Television Scriptwriting</td>
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</tr>
<tr>
<td>MJB250 Language &amp; Literature</td>
<td>3</td>
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<tr>
<td>MJB350 Creative Writing &amp; Publishing</td>
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</table>

**Bachelor of Arts (HU22)**

For information on how to complete your Enrolment Form, please refer to your 1999 Enrolment Guide. Detailed information about this course, including unit synopses, is available from the QUT Handbook (available from the QUT Bookshop in hardcopy or disk format CD-ROM). Handbook information, course unit outlines, timetable information and the enrolment guide can also be assessed online via QUTs website, Internet address http://www.qut.edu.au.

**Location:** Carseldine campus

**Course Duration:** 3 years full-time; 6 years part-time

**Total Credit Points:** 288

**Standard Credit Points/Full-Time Semester:** 48 (the minimum course load per semester required for full-time enrolment may be more than 36 credit points)
Course Coordinator: Ms Jane Williamson-Fien, E310 CCA, 3864 4730
Humanities Administration Officer: Ms Norma Petersen, E304 CCA, 3864 4541

Course Requirements

Students are required to complete the following components of the degree:

☐ The first year requirements (eight units) which include
  ■ Two Faculty Foundation Units
  ■ Two to four Course Foundation Units, and
  ■ Two to four Elective Units.

Note: A minimum of four of these eight units must be chosen from School of Humanities units.

☐ One Major Study Sequence chosen from those offered within the School of Humanities
  AND, EITHER

☐ One further Major Study Sequence (or two Minor Study Sequences) from those offered within the School of Humanities
  OR

☐ One Major Study Sequence (or up to two Minor Study Sequences) from those offered by Schools other than the School of Humanities.

Students must ensure that:

☐ They maintain a 50% enrolment in the School of Humanities units until they have completed eight units in the HU22 course

☐ A minimum of 14 of the total of 24 course units must be chosen from the School of Humanities units.

(Students who enter the course with advanced standing should discuss their enrolment with the Course Coordinator.)

Key Terms

☐ Course – a program of study leading to an approved award

☐ Unit – a particular set of learning experiences, to which is attached a Unit Code (for example, HUB720). Most units are spread over a semester (13 weeks) and will involve three or four contact hours per week.

☐ Subject area – a coherent/related set of units organised by area (such as Asia-Pacific Studies) or by discipline (such as History)

☐ Credit Points – units are weighted in terms of credit points. Most units in the School of Humanities are 12 credit points.

☐ Major Study Sequence – is defined in the School of Humanities as a study sequence of seven units (84 credit points). Major Study Sequences in Humanities subject areas other than languages consist of one compulsory Course Foundation Unit (12 credit points) and six Discipline Studies Units (72 credit points) in a subject area. In the Languages, a Major Study Sequence consists of six sequenced Language Units and one compulsory Discipline Studies Unit. NB: Major Study Sequences from other Schools and Faculties may vary slightly.

☐ Minor Study Sequence – is defined in the School of Humanities as a study sequence of four units (48 credit points). Minor Study Sequences in Humanities consist of one compulsory Course Foundation Unit (12 credit points) and three Discipline Studies Units (36 credit points) in a subject area. NB: Minor Study Sequences from other Schools and Faculties may vary slightly.

☐ Faculty Foundation Units – units offered by various Schools within the Faculty of Arts, designed to broaden the general education of students.

☐ Course Foundation Units – units offered by the School of Humanities, designed to introduce the Major or Minor Study Sequences.

☐ Elective Units – units selected by students to fit into their study programs. Electives include:
  ■ Units selected from Discipline Studies Units offered by the School of Humanities to complete first year requirements
Units selected from Discipline Studies Units offered by the School of Humanities to build Major and Minor Study sequences

Units selected for general interest to enable students to complete their degree. NB: Students wishing to do Major or Minor Study Sequences from the offerings of other Schools should identify the entry level units to those Study Sequences as their electives in their first year.

Summer Program – a third teaching period running from 22 November 1999 to 18 February 2000. A number of units in the summer session will be offered flexibly. These units are HECS based.

Major/Minor Study Sequences

The School of Humanities offers a number of Major and Minor Study Sequences

<table>
<thead>
<tr>
<th>Majors</th>
<th>Minors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Ethics</td>
<td>European Studies</td>
</tr>
<tr>
<td>Asia Pacific Studies</td>
<td>Indigenous Studies</td>
</tr>
<tr>
<td>Geography and Environmental Studies</td>
<td></td>
</tr>
<tr>
<td>Gender Studies</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Languages (French, German, Indonesian, Japanese, Mandarin(^5))</td>
<td></td>
</tr>
<tr>
<td>Literary and Cultural Studies</td>
<td></td>
</tr>
<tr>
<td>Political Studies</td>
<td></td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
</tr>
</tbody>
</table>

COURSE STRUCTURE

Full-time Course Structure (two major option)

Year 1, Semester 1
- Faculty Foundation Unit
- Course Foundation Unit
- Course Foundation Unit
- Elective Unit

Year 1, Semester 2
- Faculty Foundation Unit
- Course Foundation Unit
- Course Foundation Unit
- Elective Unit

Year 2, Semester 1
- Major 1
- Major 2
- Major 2
- Elective

Year 2, Semester 2
- Major 1
- Major 1
- Major 2
- Elective

Year 3, Semester 1
- Major 1
- Major 1
- Major 2
- Elective

Year 3, Semester 2
- Major 1
- Major 2
- Major 2
- Elective

\(^4\) Any of the Majors may be taken as a Minor Study area.

\(^5\) Mandarin is available in Intensive Summer Program mode followed by in-country study.
**Full-time Course structure (one major, two minors option)**

### Year 1, Semester 1
- Faculty Foundation Unit
- Course Foundation Unit
- Course Foundation Unit
- Elective Unit

### Year 1, Semester 2
- Faculty Foundation Unit
- Course Foundation Unit
- Course Foundation Unit
- Elective Unit

### Year 2, Semester 1
- Major 1
- Major 1
- Minor 1
- Minor 2

### Year 2, Semester 2
- Major 1
- Minor 1
- Minor 2
- Elective Unit

### Year 3, Semester 1
- Major 1
- Major 1
- Minor 1
- Minor 2

### Year 3, Semester 2
- Major 1
- Elective Unit
- Elective Unit
- Elective Unit

**Notes**
- Students entering the course mid-year should first enrol in the program listed for Year 1, Semester 2, and then complete the Year 1, Semester 1, program in Semester 1 of the following year.
- Students who enter the course with advanced standing should discuss their enrolment with the Course Coordinator.

**Year 1 - Full-time students**
During their first year full-time students normally enrol in eight units.

The following is the recommended pattern of enrolment:
1. Two Faculty Foundation Units (one per semester) (see List A)
2. Two to four first year Course Foundation Units offered by Humanities (two per semester) (see List B)
3. Two to four Electives (see List C and List D)

Students planning to take a major or minor from outside the School of Humanities should consult List D.

**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:
1. Two Faculty Foundation Units (one per semester) (see List A)
2. One or two first year Course Foundation Units offered by Humanities (see List B)
3. One or two Elective Units (see List C and List D).

For example:

**Semester 1**
- One Faculty Foundation Unit
- One Course Foundation Unit
Many part-time students will wish to do units that are run in the evening, which may not conform with the above enrolment pattern. Some leniency is given to their choice of units and this can be discussed with the Course Coordinator.

LIST A - FACULTY FOUNDATION UNITS

Students must complete two Faculty Foundation Units in first year. The following table indicates the units on offer for 1999 by semester and campus. These units are subject to confirmation by the Faculty.

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAB051 Arts and Society</td>
<td>12</td>
<td>3</td>
<td>CKG</td>
</tr>
<tr>
<td>HUB331 Asian Identities</td>
<td>12</td>
<td>3</td>
<td>CGP</td>
</tr>
<tr>
<td>HUB687 Contemporary Moral Issues</td>
<td>12</td>
<td>3</td>
<td>CCA</td>
</tr>
<tr>
<td>MJB140 Media and Society</td>
<td>12</td>
<td>3</td>
<td>CGP</td>
</tr>
<tr>
<td>SSB002 Introduction to Human Rights</td>
<td>12</td>
<td>3</td>
<td>CCA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAB051 Arts and Society</td>
<td>12</td>
<td>3</td>
<td>CCA</td>
</tr>
<tr>
<td>HUB331 Asian Identities</td>
<td>12</td>
<td>3</td>
<td>CGP</td>
</tr>
<tr>
<td>HUB687 Contemporary Moral Issues</td>
<td>12</td>
<td>3</td>
<td>CCA</td>
</tr>
<tr>
<td>MJB140 Media and Society</td>
<td>12</td>
<td>3</td>
<td>CCA</td>
</tr>
<tr>
<td>SSB002 Introduction to Human Rights</td>
<td>12</td>
<td>3</td>
<td>CGP</td>
</tr>
</tbody>
</table>

LIST B - COURSE FOUNDATION UNITS

Students must complete two to four of the following entry-level units to the various majors and minors offered by the School of Humanities. Semester 3 = Summer School

MAJOR STUDY AREAS

<table>
<thead>
<tr>
<th>Applied Ethics</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester offered</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB601 Human Identity and Change</td>
<td>12</td>
<td>3</td>
<td>1</td>
<td>CCA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Asia Pacific Studies</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester offered</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB610 Approaches to Asia Pacific Studies</td>
<td>12</td>
<td>3</td>
<td>2</td>
<td>CCA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender Studies</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester offered</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB760 Introduction to Gender Studies</td>
<td>12</td>
<td>3</td>
<td>2</td>
<td>CCA</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Geography and Environmental Studies</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester offered</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB202 World Regions</td>
<td>12</td>
<td>3</td>
<td>1</td>
<td>CCA</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>History</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester offered</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB610 Approaches to Asia Pacific Studies</td>
<td>12</td>
<td>3</td>
<td>2</td>
<td>CCA</td>
</tr>
<tr>
<td>HUB649 Interpreting the Past</td>
<td>12</td>
<td>3</td>
<td>1</td>
<td>CCA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Literary and Cultural Studies</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester offered</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB716 Introduction to Literary and Cultural Studies</td>
<td>12</td>
<td>3</td>
<td>1</td>
<td>CCA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Political Studies</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester offered</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB694 Australian Politics</td>
<td>12</td>
<td>3</td>
<td>1</td>
<td>CGP</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Sociology</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester offered</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSB000 Introduction to Sociology: Australian Perspective</td>
<td>12</td>
<td>3</td>
<td>1</td>
<td>CCA</td>
</tr>
<tr>
<td>SSB982 Introduction to Social Science and Health Care</td>
<td>12</td>
<td>3</td>
<td>2</td>
<td>CCA</td>
</tr>
</tbody>
</table>

Languages

All language teaching in 1999 will be scheduled on the Gardens Point campus, however certain Indonesian units may also be offered at Carseldine subject to enrolment numbers. Students wishing to study a language other than English should select from the following:
HUB650 Indonesian 1
12 4 16 or 1 & 2 CGP
OR
HUB652 Indonesian 3 (for students who have completed year 12 Indonesian or equivalent)
12 4 1 CGP
HUB660 Japanese 1
12 4 1 & 2 CGP
OR
HUB662 Japanese 3 (for students who have completed Year 12 Japanese or equivalent)
12 4 1 CGP
HUB670 French 1
12 4 1 & 2 CGP
OR
HUB672 French 3 (for students who have completed Year 12 French or equivalent)
12 4 1 CGP
HUB735 German 1
12 4 1 & 2 CGP
OR
HUB737 German 3 (for students who have completed Year 12 German or equivalent)
12 4 1 CGP
HUB450 Mandarin for Chinese (not on offer 1999-2000)
24 – – 9 CGP
HUB451 Introductory Mandarin
24 – – 9 CGP

MINOR STUDY AREAS

European Studies
HUB722 Foundations of Modern Europe
12 3 2 CCA

Indigenous Studies
HUB700 Indigenous Australian Culture Studies
12 3 1 CCA

NB: Students may take additional Course Foundation Units in the BA as their electives. Students may also wish to take other units offered by other Schools/Faculties within QUT. Students planning to take a major or minor area offered by another School as part of their degree, need to take the appropriate entry-level unit(s) in their first year. Possible Study Areas Outside the School of Humanities are provided in List D.

Year 2 and 3
In years 2 and 3 students must complete the requirements of their two major study sequences (or one major and two minor study sequences). Details of the individual study sequences are listed below. Semester 3 = Summer Program.

LIST C – MAJOR STUDY SEQUENCES

APPLIED ETHICS (APE) – Class Code CCA

Course Foundation Unit (compulsory)
HUB601 Human Identity and Change
12 3 1 CCA

Discipline Studies Unit (six units from the following):
HUB751 Public and Professional Ethics
12 3 1 CCA
HUB752 The Just Society
12 3 2 CCA
HUB753 Ethical Decision-making
12 3 2 CCA
HUB754 Feminism and Ethics
12 3 2 CCA
HUB755 Vulnerable Identities
12 3 1 CCA
HUB757 Ethics, Technology & the Environment
12 3 2 CCA
HUB758 Research Methods in Applied Ethics
12 3 1 CCA

6 This unit will also be offered over the whole year in Flexible Delivery Mode (FDM) subject to sufficient enrolment.
7 This unit may be offered in Second Semester subject to sufficient enrolment.
8 This unit will be offered in Flexible Delivery Mode (FDM).
9 Intensive 24 credit point unit offered in the Summer Program only followed by in-country study.
ASIA PACIFIC STUDIES (ASP) – Class Code CCA

Course Foundation Unit (compulsory)
HUB610 Approaches to Asia Pacific Studies 12 3 2 CCA

Discipline Studies Unit (six units from the following):

East Asia
HUB628 Modern Japan (not offered in 1999) 12 3 – –
HUB629 Modern China 12 3 2 CCA
HUB220 Windows on Japan 12 3 10 CCA

Pacific Islands
HUB619 Pacific Culture Contact 12 3 2 CCA
HUB620 The Pacific Since 1945 (not offered in 1999) 12 3 – –
HUB627 Australia & the South Pacific (not offered in 1999) 12 3 – –

Southeast Asia
HUB612 Modern Indonesian Studies 12 3 1 CCA
HUB626 Contemporary Southeast Asia 12 3 2 CCA/CGP
HUB632 Revolution in Southeast Asia (not offered in 1999) 12 3 – –

Asia Thematic
HUB617 Women, Aid & Development 12 3 2 CCA
HUB618 Asian Women 12 3 1 CCA
MJB310 Asian & Latin American Cinema 12 3 1 CCA

Advanced Seminar (for 3rd Year and Honours Students)
HUB624 Advanced Seminar in Asia Pacific Studies 12 3 1 CCA

GENDER STUDIES (GND) – Class Code CCA

Course Foundation Unit (compulsory)
HUB760 Introduction to Gender Studies 12 3 2 CCA

Compulsory Discipline Studies Unit
SSB964 Sex, Gender & Society 12 3 1 CCA

Discipline Studies Unit (choose five from the following):
HUB617 Women, Aid and Development 12 3 2 CCA
HUB618 Asian Women 12 3 1 CCA
HUB711 Australian Womens Writing 12 3 2 CCA
HUB730 Gender Representation 12 3 1 CCA
HUB754 Feminism & Ethics 12 3 2 CCA
SSB004 Social Inequality & Difference in Australia 12 3 2 CCA
SSB804 Psychology and Gender 12 3 1 CCA
SSB966 Independent Study 12 3 1 CCA
SSB981 Qualitative Research Methods 12 3 2 CCA
SSB985 Gender & Social Institutions (not offered in 1999) 12 3 – –
AAB053 Gender Issues in the Visual & Performing Arts
(not on offer in 1999) 12 3 – –
MJB307 Feminist Media Studies 12 3 2 CGP
SSB807 Human Sexuality 12 3 2 CKG

Advanced Seminar (for 3rd year and Honours students)
HUB715 Advanced Seminar in 19th Century Feminine/Feminist Fictions (not offered in 1999) 12 3 – –

GEOGRAPHY AND ENVIRONMENTAL STUDIES (GEV) – Class Code CCA

Course Foundation Unit (compulsory)
HUB202 World Regions 12 3 1 CCA

Discipline Studies Unit (six units from the following):

Environment and Resources
HUB201 The Living Environment 12 3 1 CCA
HUB207 Environmental Hazards 12 3 2 CCA

10 This unit will be offered in First or Second Semester in 2000.
### Regional Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Level</th>
<th>Class Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB617</td>
<td>Women, Aid &amp; Development</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>HUB685</td>
<td>Australian Resource Management</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>HUB757</td>
<td>Ethics, Technology &amp; the Environment</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>

### Advanced Seminar (for 3rd Year and Honours students)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Level</th>
<th>Class Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB688</td>
<td>Geographical Research Methods (not offered in 1999)</td>
<td>12</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### HISTORY (HIS) - Class Code CCA

#### Course Foundation Unit (compulsory one of):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Level</th>
<th>Class Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB649</td>
<td>Interpreting the Past</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>HUB610</td>
<td>Approaches to Asia Pacific Studies</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>

### Discipline Studies Units (six units from the following)

#### Modern Histories

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Level</th>
<th>Class Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB618</td>
<td>Asian Women</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>HUB619</td>
<td>Pacific Culture Contact</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>HUB620</td>
<td>The Pacific Since 1945 (not offered in 1999)</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HUB626</td>
<td>Contemporary Southeast Asia</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>HUB627</td>
<td>Australia &amp; the South Pacific</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HUB628</td>
<td>Modern Japan (not offered in 1999)</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HUB629</td>
<td>Modern China</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>HUB632</td>
<td>Revolution in Southeast Asia (not offered in 1999)</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HUB682</td>
<td>Social Movements in Australia</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>HUB692</td>
<td>Conspiracy &amp; Dissent in Australian History</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>HUB720</td>
<td>Europe Since 1945</td>
<td>12</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>HUB723</td>
<td>War and Revolution in Europe 1914-1945 (not offered in 1999)</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HUB743</td>
<td>Nations &amp; Nationalism in Modern Europe (not offered in 1999)</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HUB330</td>
<td>Brisbane in the 20th Century</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>HUB220</td>
<td>Windows on Japan</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

#### Pre Modern Histories

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Level</th>
<th>Class Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB721</td>
<td>Classical World Rome</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>HUB722</td>
<td>Foundations of Modern Europe</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>HUB744</td>
<td>Medieval Europe</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>HUB745</td>
<td>Classical World Greece (not offered in 1999)</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### LANGUAGES - Class Code CCA

#### FRENCH (six units from the following)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Level</th>
<th>Class Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB670</td>
<td>French 1</td>
<td>12</td>
<td>4</td>
<td>1 &amp; 2&lt;sup&gt;7&lt;/sup&gt;</td>
</tr>
<tr>
<td>HUB671</td>
<td>French 2</td>
<td>12</td>
<td>4</td>
<td>2 &amp; 3&lt;sup&gt;11&lt;/sup&gt;</td>
</tr>
<tr>
<td>HUB672</td>
<td>French 3</td>
<td>12</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>HUB673</td>
<td>French 4</td>
<td>12</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>HUB674</td>
<td>French 5</td>
<td>12</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>HUB675</td>
<td>French 6</td>
<td>12</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>HUB678</td>
<td>French 7</td>
<td>12</td>
<td>4</td>
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<tr>
<td>HUB677</td>
<td>French 8</td>
<td>12</td>
<td>4</td>
<td>2</td>
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<td>HUB679</td>
<td>French 9</td>
<td>12</td>
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<td>HUB731</td>
<td>French 10</td>
<td>12</td>
<td>4</td>
<td>2</td>
</tr>
</tbody>
</table>

<sup>7</sup> This unit may be offered in Second Semester subject to sufficient enrolment.

<sup>10</sup> This unit will be offered in First or Second Semester in 2000.

<sup>11</sup> This unit may be offered in the Summer Program subject to sufficient enrolment.
<table>
<thead>
<tr>
<th>Discipline Unit (compulsory)</th>
<th>Unit Code</th>
<th>Prerequisites</th>
<th>Credit Points</th>
<th>Class Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB720 Europe Since 1945</td>
<td></td>
<td></td>
<td>12</td>
<td>CCA</td>
</tr>
<tr>
<td>HUB722 Foundation of Modern Europe</td>
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<td>CCA</td>
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<tr>
<td>HUB612 Modern Indonesian Studies</td>
<td></td>
<td></td>
<td>12</td>
<td>CCA</td>
</tr>
<tr>
<td>HUB220 Windows on Japan</td>
<td></td>
<td></td>
<td>12</td>
<td>CCA</td>
</tr>
<tr>
<td>HUB450 Mandarin for Chinese (not offered in 1999-2000)</td>
<td></td>
<td></td>
<td>24</td>
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</tr>
<tr>
<td>HUB451 Introductory Mandarin</td>
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<td>24</td>
<td>CCA</td>
</tr>
<tr>
<td>HUB646 International Intensive Program</td>
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<td></td>
<td>12</td>
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**GERMAN (six units from the following)**

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**INDONESIAN (six units from the following)**

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**JAPANESE (six units from the following)**

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**MANDARIN**

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<td>HUB451 Introductory Mandarin</td>
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**Overseas Units**

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**LITERARY AND CULTURAL STUDIES (LCS) - Class Code CCA**

**Course Foundation Unit (compulsory)**

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7. This unit may be offered in Second Semester subject to sufficient enrolment.
8. This unit will be offered in Flexible Delivery Mode (FDM).
9. Intensive 24 credit point unit offered in the Summer Program only followed by in-country study.
10. This unit will be offered in First or Second Semester in 2000.
11. This unit may be offered in the Summer Program subject to sufficient enrolment.
12. This unit will be offered in Flexible Delivery Mode (FDM) subject to sufficient enrolment.
Discipline Studies Unit (six units from the following)

**Australian Writing**
HUB701 Indigenous Australian Writing  
HUB710 Australian Literature and Culture  
HUB711 Australian Women's Writing  
HUB712 Australian Children's and Adolescent Fiction  

**World Writing**
HUB625 North American Literature  
HUB724 Nineteenth Century English Literature & Culture  
HUB725 Twentieth Century English Literature & Culture  
HUB729 Shakespeare & the Modern World  
HUB730 Gender & Representative  

**Advanced Seminar (for 3rd Year and Honours Students)**
HUB704 Advanced Seminar in Indigenous Film & Text  

**POLITICAL STUDIES (PST) - Class Code CCA**

**Course Foundation Unit (compulsory)**
HUB694 Australian Politics  

**Compulsory Discipline Studies Unit**
SSB832 Political Behaviour  

**Discipline Studies Units (five units from the following)**
HUB682 Social Movements in Australia  
HUB703 Indigenous Politics & Political Culture  
HUB752 The Just Society  
HUB772 Political Ideologies (not offered in 1999)  
HUB800 Politics & Markets  
HUB802 Politics & the Social Contract  
SSB053 Policy & Social Change in Human Services  
SSB060 Human Services & the Political System  
SSB962 Survey Methods  
SSB971 Political Sociology  
SSB972 Ethnicity, Nationalism & Cultural Diversity  

**SOCIOLOGY (SOC) - Class Code CCA**

**Course Foundation Unit (compulsory)**
SSB000 Introduction to Sociology: Australian Perspective  
SSB982 Introduction to Social Science and Health Care  

**Discipline Studies Unit (six units from the following)**
SSB960 Introduction to Sociology 1B: Global Perspective  
(SSB000)  
SSB962 Survey Methods  
SSB969 Sociological Theory and Analysis  
SSB971 Political Sociology  
SSB980 Contemporary Sociological Theory  
(SSB960)  
SSB981 Qualitative Research Methods  

**MINOR STUDY SEQUENCES**

**EUROPEAN STUDIES (EUR) - Class Code CCA**

**Course Foundation Unit (compulsory)**
HUB722 Foundations of Modern Europe  

**Discipline Studies Unit (three units from the following)**

**European Histories**
HUB723 War and Revolution in Europe 1914-1945  
(not offered in 1999)  
HUB743 Nations and Nationalism in Modern Europe  
(not offered in 1999)  
HUB720 Europe Since 1945  

European Literature
HUB724 Nineteenth Century English Literature & Culture 12 3 1 CCA
HUB729 Shakespeare & the Modern World 12 3 2 CCA
HUB725 Twentieth Century English Literature & Culture 12 3 2 CCA

Pre Modern Histories
HUB721 Classical World Rome 12 3 1 CCA
HUB744 Medieval Europe 12 3 1 CCA

INDIGENOUS STUDIES (IDG) - Class Code CCA
Course Foundation Unit (compulsory)
HUB700 Indigenous Australian Culture Studies 12 3 1 CCA

Discipline Studies Unit
HUB703 Indigenous Politics & Political Culture 12 3 2 CCA
HUB701 Indigenous Australian Writing 12 3 2 CCA

Advanced Seminar (for 3rd Year and Honours Students)
HUB704 Advanced Seminar in Indigenous Film & Text 12 3 1 CCA

LIST D - POSSIBLE STUDY AREAS OUTSIDE HUMANITIES
Contact people
School of Media and Journalism
Creative Writing Production: Associate Professor Philip Neilson on 3864 2976/1729
Media Studies: Dr Graham Bruce on 3864 1283/1729

School of Psychology
Psychology: Dr Doug Mahar on 3864 4533/4625

School of Human Services
Human Services: Dr Trish Fox on 3864 4656

Faculty of Business
Communication: School Office on 3864 5296
Economics: Ms Rebecca James on 3864 2644
International Business: Mr Peter Wickins on 3864 1224

Faculty of Information Technology
Information Technology: Mr Michael Roggenkamp on 3864 2736/2782

Faculty of Science
Environmental Science: Mr Graham Kimber on 3864 2766/2152

☐ Academy of the Arts Open Electives
The following electives have no prerequisites and are available to students from other faculties in the University:

Semester 1
AAB051 Arts in Society 12
AAB064 Visual & Performing Arts of Asia 12
AAB125 Dance Analysis & History I 12
AAB253 Theatre History 3 Australian Theatre 12
AAB444 Visual Arts of Asia 12
AAB447 Drawing 12
AAB457 Sculpture 12
AAB507 Painting 12
AAB619 Introduction to Music Technology 12
AAB631 World Music 12
AAB638 Music at the Movies 12
AAB726 Introduction to Art History 12
AAB818 Introduction to Multimedia Technology 12
AAP503 Clay Materials 12
AAP509 Photographic Media 12
AAP511 Printmaking 12
Bachelor of Arts (Communication Design) (AA81)

Location: Kelvin Grove campus

Course Duration: 3 years full-time

Total Credit Points: 288

Course Coordinator: Associate Professor J.I. Jones

Course Structure

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<tr>
<td>AAB063 The Arts Environment</td>
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<td>AAB802 Foundations of Communication Design 2</td>
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<td>AAB814 Applications of Design Technology</td>
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<td>AAB810 Media Technology 4</td>
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<td>SSB937 Applied Cognitive Psychology</td>
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List A: Faculty Foundation units

AAB051 Arts in Society | 12 | 3 |
HUB331 Asian Identities | 12 | 3 |
HUB687 Contemporary Moral Issues | 12 | 3 |
MJB140 Media & Society | 12 | 3 |
SSB002 Introduction to Human Rights | 12 | 3 |
List B: Discipline Foundation units

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<td>AAB125</td>
<td>Dance Analysis &amp; History 1</td>
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<td>Theatre History 3 – Australian Theatre</td>
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List C: Communication Design Electives

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<td>AAB817</td>
<td>Software Development &amp; Project Management</td>
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Academy Electives

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<td>AAB059</td>
<td>Hybrid Arts Project</td>
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<td>AAB062</td>
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**Semester 2**

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<td>Applied Research Methodologies</td>
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<td>AAB061</td>
<td>Arts Business Management</td>
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Bachelor of Arts (Dance) (AA11)

**Location:** Kelvin Grove campus

**Course Duration:** 3 years full-time

**Total Credit Points:** 288

**Course Coordinator:** Kristen Bell

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<td>Dance Technique Studies 1 (Ballet)</td>
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<td>AAB100</td>
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13 Honours prerequisite.

14 Available to final year students only.
### Year 3, Semester 1

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Elective: 12

### Year 3, Semester 2

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<td>AAB114</td>
<td>Dance in Australian Society</td>
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Select one of the following two units:

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<tr>
<td>AAB159</td>
<td>Advanced Composition 2</td>
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<td>AAB172</td>
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Elective: 12

### PERFORMANCE STRAND

#### Year 1, Semester 1

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<td>AAX111</td>
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<td>Ballet Technique 1(^{15})</td>
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#### Year 1, Semester 2

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<tr>
<td>AAX115/2</td>
<td>Dance History</td>
<td>6</td>
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<tr>
<td>AAX119</td>
<td>Ballet Technique 3(^{15})</td>
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<td>AAX123</td>
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#### Year 2, Semester 2

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<td>AAB114</td>
<td>Dance in Australian Society</td>
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<td>AAB169</td>
<td>Performance Studies 2</td>
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<td>Technique Options 1(^{15})</td>
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#### Year 3, Semester 1

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<td>AAB185</td>
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<td>Repertoire &amp; Practice Period 3(^{15})</td>
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<td>AAX133</td>
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#### Year 3, Semester 2

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<td>AAX114</td>
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\(^{13}\) Honours prerequisite.

\(^{15}\) Designated unit.
List A: Faculty Foundation Units

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<td>AAB051</td>
<td>Arts in Society</td>
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<td>HUB331</td>
<td>Asian Identities</td>
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<td>HUB687</td>
<td>Contemporary Moral Issues</td>
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<td>MJB140</td>
<td>Media &amp; Society</td>
<td>12</td>
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<tr>
<td>SSB002</td>
<td>Introduction to Human Rights</td>
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List B: Discipline Foundation Units

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<td>AAB064</td>
<td>Visual &amp; Performing Arts of Asia</td>
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<td>AAB253</td>
<td>Theatre History 3 Australian Theatre</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AAB631</td>
<td>World Music</td>
<td>12</td>
<td>3</td>
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<td>AAB726</td>
<td>Introduction to Art History</td>
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Students may also choose elective units from other Academy programs or elsewhere in the University.

Academy Electives

Semester 1

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<td>AAB058</td>
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<td>AAB059</td>
<td>Hybrid Arts Project</td>
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<td>AAB062</td>
<td>Arts Event Promotion &amp; Public Relations</td>
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Semester 2

<table>
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<td>AAB059</td>
<td>Hybrid Arts Project</td>
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<td>AAB060</td>
<td>Applied Research Methodologies</td>
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<tr>
<td>AAB061</td>
<td>Arts Business Management</td>
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Bachelor of Arts (Dance) (La Salle College) (AA12)

Location: Offshore course only available at LASALLE-SIA College of the Arts, Singapore to graduates of LASALLE-SIAs Diploma in Contemporary Dance

Course Duration: 1 year full-time

Total Credit Points: 96

Annual and Semester Credit Points: Full-time only 48 credit points per semester

Course Coordinators:
Australia: Jill Standfield at Academy of the Arts, Kelvin Grove campus
Singapore: Angela Liong at LASALLE-SIA College of the Arts

Course Requirements
See entry requirements.

Entry Requirements
As per QUT Handbook.

<table>
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<th>Semester 1</th>
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<td>AAZ055 Professional Practice</td>
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<td>AAZ180 Dance Technique Studies 1</td>
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<td>AAZ117 Dance in Education</td>
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<td>AAZ181 Dance Technique Studies 2</td>
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<td>AAZ158 Advanced Composition</td>
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<tr>
<td>AAZ255 Production 1</td>
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The course in Singapore is prescribed and no elective choices are available.

13 Honours prerequisite.
14 Available to final year students only.
### Bachelor of Arts (Drama) (AA21)

**Location:** Kelvin Grove campus  
**Course Duration:** 3 years full-time  
**Total Credit Points:** 288  
**Course Coordinator:** Ian Thomson

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<td>AAB202 Acting 1</td>
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<td>AAB204 Voice &amp; Movement 1</td>
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<td>AAB063 The Arts Environment</td>
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<td>AAB203 Acting 2</td>
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<td>AAB205 Voice &amp; Movement 2</td>
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<td>AAB011 Music Theatre Skills</td>
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<td>AAB233 Voice &amp; Movement 3</td>
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<td>AAB012 Music Theatre Project</td>
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<td>AAB234 Voice &amp; Movement 4</td>
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<td>AAB248 Acting 4</td>
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<td>AAB271 Studies in Directing</td>
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<td>AAB235 Voice &amp; Movement 5</td>
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<td>AAB253 Theatre History 3 Australian Theatre</td>
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**TECHNICAL PRODUCTION & MANAGEMENT (TPM)**

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<td>AAB208 Elements of Drama</td>
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<td>AAB289 Technical Production 1</td>
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<tr>
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<td>AAB251 Studies in Theatre History 1</td>
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<td>AAB274 Theatrecraft</td>
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<td>AAB276 Visual Theatre Design</td>
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15 Designated unit.
Year 3, Semester 1
AAB255  Theatre Production 1  24
AAB294  Stage Management 3  12  4
Strand Elective (choose from List C)  12

Year 3, Semester 2
AAB056  Professional Studies  12  3
AAB256  Theatre Production 2  36

THEATRE STUDIES

Year 1, Semester 1
Faculty Foundation units (choose two units from List A)  24
AAB208  Elements of Drama  12  3
AAB259  The Performance Instrument: Body & Voice  12  4

Year 1, Semester 2
AAB063  The Arts Environment  12  3
AAB251  Studies in Theatre History 1  12  3
AAB257  Acting Studies 1  12  3
AAB273  Performance  12  5

Year 2, Semester 1
Discipline Foundation unit (choose from List B) or elective  12
AAB214  Process Drama  12  3
AAB252  Studies in Theatre History 2  12  3
AAB278  Technical Theatre  12  3

Year 2, Semester 2
AAB271  Studies in Directing  12  3
AAB304  Forming Knowledge  12  3
Electives  24

Year 3, Semester 1
AAB058  Arts Research 13  12  3
OR Elective
OR Discipline Foundation unit (choose one unit from List B)
AAB253  Theatre History 3 – Australian Theatre  12  3
Elective units  24

Note: Discipline Foundation unit must be taken in either Year 2, Semester 1 or Year 3, Semester 1.

Year 3, Semester 2
AAB060  Applied Research Methodologies  12  3
OR Elective
AAB272  Drama & Community Cultural Development  12  3
Elective units  24

List A: Faculty Foundation Units
AAB051  Arts in Society  12  3
HUB331  Asian Identities  12  3
HUB687  Contemporary Moral Issues  12  3
MJB140  Media & Society  12  3
SSB002  Introduction to Human Rights  12  3

List B: Discipline Foundation Units
AAB064  Visual & Performing Arts of Asia  12  3
AAB125  Dance Analysis & History 1  12  3
AAB631  World Music  12  3
AAB726  Introduction to Art History  12  3

List C: Strand Elective
AAB057  Independent Study  12  3
AAB061  Arts Event Promotion & Public Relations  12  3
AAB252  Studies in Theatre History 2  12  3
AAB306  Directing for Theatre  12  3
AAB621  Sound, Recording & Acoustic Design  12  3
Drama Electives

**Semester 1**

- AAB258 Acting Studies 2
- AAB275 Reading Performance
- AAB276 Visual Theatre Design
- AAB278 Technical Theatre
- AAB306 Directing for Theatre\(^\circ\)
- AAN202 Textual Analysis\(^\circ\)

**Semester 2**

- AAB056 Professional Studies
- AAB060 Applied Research Methodologies
- AAB277 Physical Theatre
- AAB278 Technical Theatre
- AAB280 Drama as Social Action
- AAB307 Writing for Performance

Students may also choose electives from other Academy programs or elsewhere in the University.

Academy Electives

**Semester 1**

- AAB057 Independent Study
- AAB058 Arts Research\(^\circ\)
- AAB059 Hybrid Arts Project
- AAB062 Arts Event Promotion & Public Relations

**Semester 2**

- AAB057 Independent Study\(^\circ\)
- AAB059 Hybrid Arts Project
- AAB060 Applied Research Methodologies
- AAB061 Arts Business Management

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**Bachelor of Arts (Drama) (La Salle College) (AA22)**

**Location:** Offshore course only available at LASALLE-SIA College of the Arts, Singapore.

**Course Duration:** 3 years full-time

**Total Credit Points:** 288

**Annual and Semester Credit Points:** Full-time only 48 credit points per semester

**Course Coordinators:**

- **Australia:** Jill Standfield at Academy of the Arts, Kelvin Grove campus
- **Singapore:** Sandy Phillips at LASALLE-SIA College of the Arts

**Course Requirements**

See entry requirements.

**Entry Requirements**

As per QUT Handbook.

**Mid-Year Entry**

Entry only in July at the beginning of Semester One.

**Course Structure**

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<th>Year 1, Semester 1</th>
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<tbody>
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<td>AAZ208 Elements of Drama</td>
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<td>AAZ278 Technical Theatre</td>
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\(^\circ\) Honours prerequisite.

\(^\circ\) Available to final year students only.

\(^\circ\) Available to third year students only.
### Bachelor of Arts (Visual Arts) (AA71)

**Location:** Kelvin Grove campus  
**Course Duration:** 3 years full-time  
**Total Credit Points:** 288  
**Course Coordinator:** Mr Donal Fitzpatrick

<table>
<thead>
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<tr>
<td><strong>Year 1, Semester 1</strong></td>
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<td>AAB740 Foundation Art Practice 1</td>
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<tr>
<td>AAB063 The Arts Environment</td>
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<td>3</td>
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<tr>
<td>AAB741 Foundation Art Practice 2</td>
<td>24</td>
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<td><strong>Year 2, Semester 1</strong></td>
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<tr>
<td>Faculty foundation unit (choose from List A)</td>
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<tr>
<td>Discipline foundation unit (choose from List B)</td>
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<tr>
<td>AAB742 Studio Art Practice 1</td>
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<td><strong>Year 2, Semester 2</strong></td>
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<tr>
<td>AAB056 Professional Studies</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AAB701 Modernism</td>
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<td>AAB743 Studio Art Practice 2</td>
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<td><strong>Year 3, Semester 1</strong></td>
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<tr>
<td>AAB058 Arts Research</td>
<td>12</td>
<td>3</td>
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<tr>
<td>OR Elective</td>
<td>12</td>
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</tr>
<tr>
<td>AAB744 Studio Art Practice 3</td>
<td>24</td>
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<tr>
<td>Elective unit</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

12 This unit will be offered in Flexible Delivery Mode (FDM) subject to sufficient enrolment.  
15 Designated unit.

The course in Singapore is prescribed and no elective choices are available.
Year 3, Semester 2

AAB712 Contemporary Art Issues\textsuperscript{13} 12 3
AAB745 Studio Art Practice 4\textsuperscript{13} 24 12
   Elective unit 12

List A: Faculty Foundation Units
AAB051 Arts in Society 12 3
HUB331 Asian Identities 12 3
HUB687 Contemporary Moral Issues 12 3
MJB140 Media & Society 12 3
SSB002 Introduction to Human Rights 12 3

List B: Discipline Foundation Units
AAB064 Visual & Performing Arts of South-East Asia 12 3
AAB125 Dance Analysis & History 1 12 3
AAB253 Theatre History 3 – Australian Theatre 12 3
AAB631 World Music 12 3

Visual Arts Studio Electives (offered both semesters)
AAB447 Drawing 12 3
AAB457 Sculpture 12 3
AAP503 Clay Materials 12 3
AAP507 Painting 12 3
AAP509 Photographic Media 12 3
AAP511 Printmaking 12 3

Extended studio electives
AAB751 Extended Studio Practice 1 12 3
AAB752 Extended Studio Practice 2 12 3
AAB753 Extended Studio Practice 3 12 3
AAB754 Extended Studio Practice 4 12 3

Art Theory electives

Semester 1
AAB444 Visual Arts of Asia 12 3
AAB728 Special Topics in Art Theory Readings in Feminism & Visual Arts 12 3

Semester 1 & 2
AAB444 Visual Arts of Asia 12 3

Academy Electives

Semester 1
AAB057 Independent Study 12
AAB058 Arts Research\textsuperscript{13} 12 3
AAB059 Hybrid Arts Project 12
AAB062 Arts Event Promotion & Public Relations 12 3

Semester 2
AAB057 Independent Study\textsuperscript{14} 12
AAB059 Hybrid Arts Project 12
AAB060 Applied Research Methodologies 12 3
AAB061 Arts Business Management 12 3

In addition to QUT units, arrangements exist for cross-institutional enrolments in Art History and Theory subjects offered by The University of Queensland. Contact Course Coordinator for details. Students may also choose electives from other Academy programs or elsewhere in the University.

\textsuperscript{13} Honours prerequisite.

\textsuperscript{14} Available to final year students only.
# Bachelor of Music (AA91)

**Location:** Kelvin Grove campus  
**Course Duration:** 3 years full-time  
**Total Credit Points:** 288  
**Course Coordinator:** Sue Forster

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
AAB641 Principal Studies A\(^{15}\) | 12 | 5  
AAB632 Core Musicianship 1 | 12 | 4-6  
AAB621 Sound, Recording & Acoustic Design | 12 | 3  
Faculty Foundation Unit (List A) | 12 | 3  
| **Year 1, Semester 2** |  
AAB642 Principal Studies B\(^{15}\) | 12 | 5  
AAB633 Core Musicianship 2 | 12 | 4-6  
AAB630 Music Textures | 12 | 3  
AAB063 The Arts Environment | 12 | 3  
| **Year 2, Semester 1** |  
AAB643 Principal Studies C | 12 | 5  
AAB634 Contemporary Musicianship 1 (Art Music) OR AAB636 Contemporary Musicianship 3 (Cross-Cultural) Discipline Foundation Studies (List B) Elective (List C) | 12 | 4-6  
| **Year 2, Semester 2** |  
AAB644 Principal Studies D | 12 | 5  
AAB635 Contemporary Musicianship 2 (Sound Media) OR AAB637 Contemporary Musicianship 4 (Jazz & Popular) Faculty Foundation Unit (List A) Elective (List C) | 12 | 4-6  
| **Year 3, Semester 1** |  
AAB645 Principal Studies E OR Music Elective (List C) | 12 | 5  
AAB058 Arts Research OR Music Elective (List C) Electives/Minor | 12 |  
| **Year 3, Semester 2** |  
AAB646 Principal Studies F OR Music Elective (List C) | 12 | 5  
AAB817 Software Development & Project Management\(^{13}\) OR Music Elective (List C) Elective Minor | 12 |  
| **List A: Faculty Foundation units** |  
AAB051 Arts in Society  
HUB331 Asian Identities  
HUB687 Contemporary Moral Issues  
MJB140 Media & Society  
SSB002 Introduction to Human Rights | 24 |  

\(^{13}\) **Honours prerequisite.**  
\(^{15}\) **Designated unit.**
List B: Discipline Foundation units
AAB064 Visual & Performing Arts of Asia
AAB125 Dance Analysis & History 1
AAB253 Theatre History 3 – Australian Theatre
AAB726 Introduction to Art History

List C: Music Electives

**Semester 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
<th>Units</th>
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<tbody>
<tr>
<td>AAB011</td>
<td>Music Theatre Skills</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB616</td>
<td>Ensemble Project 1 (year-long unit)</td>
<td>12</td>
<td>4</td>
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<tr>
<td>AAB617</td>
<td>Choral &amp; Instrumental Arranging</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB618</td>
<td>Composition for Film &amp; Television</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB622</td>
<td>Second Study 1 (year-long unit)</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>AAB626</td>
<td>Music &amp; Sound for Multimedia</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB628</td>
<td>Second Study 2 (year-long unit)</td>
<td>12</td>
<td>1</td>
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<tr>
<td>AAB629</td>
<td>Ensemble Project 2 (year-long unit)</td>
<td>12</td>
<td>4</td>
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<tr>
<td>AAB631</td>
<td>World Music</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB634</td>
<td>Contemporary Musicianship 1 (Art Music)</td>
<td>12</td>
<td>4-6</td>
</tr>
<tr>
<td>AAB636</td>
<td>Contemporary Musicianship 3 (Cross Cultural)</td>
<td>12</td>
<td>4-6</td>
</tr>
<tr>
<td>AAB638</td>
<td>Music at the Movies &amp; in the Theatre</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AAB639</td>
<td>Ensemble Project 3 (year-long unit)</td>
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**Semester 2**

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<tr>
<td>AAB012</td>
<td>Music Theatre Project</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AAB620</td>
<td>Popular Song Writing</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AAB623</td>
<td>Choral Conducting</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB625</td>
<td>Instrumental Conducting</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB626</td>
<td>Music &amp; Sound for Multimedia</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB627</td>
<td>Studio Music Teaching</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB635</td>
<td>Contemporary Musicianship 2 (Sound Media)</td>
<td>12</td>
<td>4-6</td>
</tr>
<tr>
<td>AAB637</td>
<td>Contemporary Musicianship 4 (Jazz &amp; Popular)</td>
<td>12</td>
<td>4-6</td>
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<tr>
<td>AAB640</td>
<td>Sex, Drugs, Rock n Roll (The Interaction of Society &amp; Music of our Time)</td>
<td>12</td>
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Note: Up to four electives may be taken from other Academy programs or from elsewhere in the University.

Academy Electives

**Semester 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
<th>Units</th>
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<tbody>
<tr>
<td>AAB057</td>
<td>Independent Study</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AAB058</td>
<td>Arts Research</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB059</td>
<td>Hybrid Arts Project</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AAB062</td>
<td>Arts Event Promotion &amp; Public Relations</td>
<td>12</td>
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**Semester 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<td>Independent Study</td>
<td>12</td>
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<td>AAB059</td>
<td>Hybrid Arts Project</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AAB060</td>
<td>Applied Research Methodologies</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AAB061</td>
<td>Arts Business Management</td>
<td>12</td>
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**Bachelor of Social Science (Human Services) (SS07)**

**Bachelor of Social Science (Psychology) (SS07)**

**Bachelor of Social Science (Sociology) (SS07)**

**Location:** Carseldine campus

**Course Duration:** 3 years full-time, 6 years part-time

**Total Credit Points:** 288

**Course Coordinators:**

*Human Services:* Dr Tricia Fox  
*Psychology:* Dr Doug Mahar  
*Sociology:* Dr Paul Harrison

---

13 Honours prerequisite.  
14 Available to final year students only.
Course requirements relating to Faculty Foundation Units and undergraduate degrees
All Faculty of Arts Bachelor degree courses will contain Faculty foundation units as part of their requirements. Commencing students will be required to complete TWO Faculty foundation units. For 1999, the approved Faculty foundation units are as follows:

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Class Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAB051 Arts in Society</td>
<td>12</td>
<td>3</td>
<td>CKG</td>
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<tr>
<td>HUB331 Asian Identities (odd years)</td>
<td>12</td>
<td>3</td>
<td>CKG</td>
</tr>
<tr>
<td>HUB600 Australian Society and Culture (even years)</td>
<td>12</td>
<td>3</td>
<td>CKG</td>
</tr>
<tr>
<td>HUB687 Contemporary Moral Issues</td>
<td>12</td>
<td>3</td>
<td>CCA</td>
</tr>
<tr>
<td>MJB140 Media &amp; Society</td>
<td>12</td>
<td>3</td>
<td>CGP</td>
</tr>
<tr>
<td>SSB002 Introduction to Human Rights</td>
<td>12</td>
<td>3</td>
<td>CCA</td>
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<table>
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<th>Semester 2</th>
<th>Credit Points</th>
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<th>Class Code</th>
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<tr>
<td>AAB051 Arts in Society</td>
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<td>CCA</td>
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<tr>
<td>HUB331 Asian Identities (odd years)</td>
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<td>3</td>
<td>CCA</td>
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<tr>
<td>HUB600 Australian Society and Culture (even years)</td>
<td>12</td>
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<td>HUB687 Contemporary Moral Issues</td>
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<td>CGP</td>
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<tr>
<td>MJB140 Media &amp; Society</td>
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<td>3</td>
<td>CGP</td>
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<tr>
<td>SSB002 Introduction to Human Rights</td>
<td>12</td>
<td>3</td>
<td>CGP</td>
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</table>

Students should consult the specific requirements of their particular course/strand to see which foundation units are designated and in which semesters foundation units are located.

**SS07 BACHELOR OF SOCIAL SCIENCE (HUMAN SERVICES) MAJOR CODE: (HSE)**

**Coordinator:** Dr Tricia Fox

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>SSB003 Introduction to Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB050 Introduction to Human Services</td>
<td>12</td>
<td>3</td>
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<tr>
<td>SSB051 Human Development</td>
<td>12</td>
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<tr>
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<table>
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<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>SSB004 Social Inequality &amp; Difference in Aust.</td>
<td>12</td>
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<tr>
<td>SSB052 Interpersonal Skills for Human Services</td>
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<tr>
<td>Faculty Foundation Unit</td>
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<tr>
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<table>
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<th>Year 2, Semester 1</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>SSB053 Policy &amp; Social Change in Human Services</td>
<td>12</td>
<td>3</td>
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<tr>
<td>SSB054 Working in Human Service Organisations</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB055 Ethics, Rights &amp; Human Services</td>
<td>12</td>
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</table>

Select ONE Services strand unit from the following:

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
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</thead>
<tbody>
<tr>
<td>SSB011 Child &amp; Family Services: Introduction</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB012 Disability Services: Introduction</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB013 Corrective Services: Introduction</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB014 Aged Services: Introduction</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB016 Services to Young People: Introduction</td>
<td>12</td>
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<table>
<thead>
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<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>SSB056 Practice Theories &amp; Processes</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB057 Human Services Industry Experience</td>
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<td>3</td>
</tr>
<tr>
<td>SSB058 Social Inquiry</td>
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</table>

Select ONE unit from the following:

**NB:** be sure to choose the SAME Services strand as in Year 2, Semester 1:

<table>
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<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>SSB020 Child &amp; Family Services: Practice Issues</td>
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<td>3</td>
</tr>
<tr>
<td>SSB021 Disability Services: Practice Issues</td>
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<td>3</td>
</tr>
<tr>
<td>SSB022 Corrective Services: Practice Issues</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB023 Aged Services: Practice Issues</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB025 Services to Young People: Practice Issues</td>
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</tbody>
</table>
Year 3 Semester 1
SSB059 Professional Practice (14 weeks) 48

Year 3 Semester 2
SSB027 Community Work 12 3
SSB060 Human Services in Macro Contexts 12 3

Select ONE unit from the following:

**NB:** be sure to choose the SAME Services strand as in Year 2 Semester 2:

SSB030 Child & Family Services: Advanced Practice 12 3
SSB031 Disability Services: Advanced Practice 12 3
SSB032 Corrective Services: Advanced Practice 12 3
SSB033 Aged Services: Advanced Practice 12 3
SSB035 Services to Young People: Advanced Practice 12 3

Select one elective (class times may vary)
SSB008 Counselling Theory & Practice 12 3
SSB017 Group Work 12 3
SSB046 Directed Study in Human Services 12 3
SSB048 Managing Human Service Organisations 12 3

Or an approved unit from other courses 12

Part-Time Course Structure
Part-time students usually study two units per semester and should consult their course coordinator about their choice of units.

SS07 BACHELOR OF SOCIAL SCIENCE (PSYCHOLOGY)
MAJOR CODE: (PSY)

Coordinator: Dr Doug Mahar

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
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<tbody>
<tr>
<td>SSB000 Introduction to Sociology 1A: Australian Perspectives 12</td>
<td>3</td>
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<tr>
<td>SSB003 Introduction to Psychology 1A 12</td>
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<tr>
<td>Faculty Foundation Unit 12</td>
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<td>Elective 12</td>
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<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>SSB007 Interpersonal Processes &amp; Skills 12</td>
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<tr>
<td>SSB930 Psychological Research Methods 12</td>
<td>3</td>
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<tr>
<td>SSB932 Introduction to Psychology 1B 12</td>
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</tr>
<tr>
<td>Faculty Foundation Unit 12</td>
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<th>Year 2, Semester 1</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>SSB008 Counselling Theory &amp; Practice 1 12</td>
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<tr>
<td>SSB915 Social Psychology 12</td>
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</tr>
<tr>
<td>SSB950 Research Design &amp; Data Analysis 12</td>
<td>3</td>
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<tr>
<td>Elective 12</td>
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<th>Credit Points</th>
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<tr>
<td>SSB913 Developmental Psychology 12</td>
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<td>SSB931 Perception 12</td>
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<tr>
<td>Elective 12</td>
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<table>
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<th>Credit Points</th>
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<tbody>
<tr>
<td>SSB933 Cognitive Psychology 12</td>
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<tr>
<td>SSB934 Physiological Psychology 12</td>
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</tr>
<tr>
<td>SSB944 Industrial &amp; Organisational Psychology 12</td>
<td>3</td>
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<td>Elective 12</td>
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<table>
<thead>
<tr>
<th>Year 3, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>SSB936 Personality &amp; Psychopathology 12</td>
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<td></td>
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<tr>
<td>SSB941 Psychological Assessment 12</td>
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<td></td>
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<tr>
<td>Elective 12</td>
<td></td>
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</tr>
<tr>
<td>Elective 17</td>
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<td></td>
</tr>
</tbody>
</table>

17 SSB951 is compulsory for progression to the Bachelor of Social Science (Honours) program. Otherwise a Psychology elective must be taken.
<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td>SSB000</td>
<td>Introduction to Sociology 1A: Australian Perspective</td>
<td>12</td>
<td>3</td>
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<tr>
<td></td>
<td>SSB003</td>
<td>Introduction to Psychology 1A</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td>SSB930</td>
<td>Psychological Research Methods</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SSB932</td>
<td>Introduction to Psychology 1B</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 2, Semester 1</strong></td>
<td>Faculty Foundation Unit</td>
<td>12</td>
<td>3</td>
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<td></td>
<td>Elective</td>
<td>12</td>
<td></td>
<td></td>
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<tr>
<td><strong>Year 2, Semester 2</strong></td>
<td>SSB007</td>
<td>Interpersonal Processes &amp; Skills</td>
<td>12</td>
<td>3</td>
</tr>
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<td></td>
<td>Faculty Foundation Unit</td>
<td>12</td>
<td>3</td>
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<tr>
<td><strong>Year 3, Semester 1</strong></td>
<td>SSB915</td>
<td>Social Psychology¹⁸</td>
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<td>SSB950</td>
<td>Research Design &amp; Data Analysis</td>
<td>12</td>
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<td><strong>Year 3, Semester 2</strong></td>
<td>SSB913</td>
<td>Developmental Psychology</td>
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<td></td>
<td>SSB931</td>
<td>Perception</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 4, Semester 1</strong></td>
<td>SSB008</td>
<td>Counselling Theory &amp; Practice 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
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<td></td>
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</tr>
<tr>
<td><strong>Year 4, Semester 2</strong></td>
<td>Elective</td>
<td>12</td>
<td>3</td>
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<td>Elective</td>
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<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Year 5, Semester 1</strong></td>
<td>SSB933</td>
<td>Cognitive Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Year 5, Semester 2</strong></td>
<td>SSB936</td>
<td>Personality &amp; Psychopathology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SSB941</td>
<td>Psychological Assessment</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 6, Semester 1</strong></td>
<td>SSB934</td>
<td>Physiological Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SSB944</td>
<td>Industrial &amp; Organisational Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 6, Semester 2</strong></td>
<td>Elective</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>12</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Psychology Elective Units**

The following elective units 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 elective units will be offered subject to staff availability and sufficient student enrolment.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSB017</td>
<td>Group Work</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB830</td>
<td>Environmental Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB938</td>
<td>Introduction to Theory &amp; Research in Hypnosis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB939</td>
<td>Alcohol &amp; Other Drug Studies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB943</td>
<td>Occupational &amp; Vocational Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB948</td>
<td>Advanced Developmental Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB949</td>
<td>Introduction to Family Therapy</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB951</td>
<td>Advanced Statistical Analysis (essential for intending Honours students)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Other Elective Unit approved by the Head of Program</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹⁸ May also be offered at Gardens Point campus, subject to student demand.
Note
Electives are to be chosen in consultation with the Course Coordinator or appointed nominee/adviser to ensure that progression rules for the degree and/or for fourth year study are followed. Up to 72 credit points of elective units can be taken from other Schools or Faculties.

Psychology Minor/ Secondary Major
Bachelor of Business and Bachelor of Applied Science students completing a minor or a secondary major in Psychology at the Gardens Point campus may also choose from the following units. [These units are not normally open to Bachelor of Social Science (Psychology) students who will follow the Social Science program.]

SSB912 Psychology (incompatible with SSB003 Introduction to Psychology 1A)
SSB937 Applied Cognitive Psychology (incompatible with SSB933 Cognitive Psychology)
SSB917 Physiological & Health Psychology (incompatible with SSB934 Physiological Psychology)

Other units as advised.

SS07 BACHELOR OF SOCIAL SCIENCE (SOCIOLOGY) MAJOR CODE: (SOC)

Coordinator: Dr Paul Harrison, ph 3864 4763. Room L333, Carseldine campus

Students can decide at the end of the first semester whether they wish to choose a SIMPLE or an EXTENDED major. All students complete:

SSB000 Introduction to Sociology 1A: Australian Perspectives
SSB004 Social Inequality & Difference in Australia
SSB960 Introduction to Sociology 1B: Global Perspectives

PLUS EITHER
eight sociology units at second & third year level for the SIMPLE major
OR
ten sociology units at second and third year level for the EXTENDED major

The following course structure is for an extended Sociology Major, comprising TEN Sociology units (five core and five electives) at second and third year level.

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSB000 Introduction to Sociology 1A: Australian Perspectives(^{19})</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB003 Introduction to Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB051 Human Development</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Faculty Foundation Unit</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSB004 Social Inequality &amp; Difference in Australia(^{19})</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB960 Introduction to Sociology 1B: Global Perspectives(^{19})</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Faculty Foundation Unit</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 2, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSB962 Survey Methods(^{19})</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB969 Sociological Theory &amp; Analysis(^{19})</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Sociology Elective (see list at end of course structure)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 2, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSB971 Political Sociology(^{19})</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Sociology Elective (see list)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 3, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSB980 Contemporary Sociological Theory(^{19})</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Sociology Elective (see list)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

\(^{19}\) Denotes sociology core subject that both simple and extended majors must do.
ARTS

Year 3, Semester 2
SSB981 Qualitative Research Methods 19
Sociology Elective (see list) 12 3
Sociology Elective (see list) 12 3
Elective 12 3

Part-Time Course Structure

Credit Points Contact Hrs/ Wk

Year 1, Semester 1
SSB000 Introduction to Sociology 1A: Australian Perspective 12 3
SSB051 Human Development 12 3

Year 1, Semester 2
SSB004 Social Inequality & Difference in Australia 19
Faculty Foundation Unit 12 3

Year 2, Semester 1
SSB003 Introduction to Psychology 12 3
Faculty Foundation Unit 12 3

Year 2, Semester 2
SSB960 Introduction to Sociology 1B: Global Perspectives 19
Elective 12 3

Year 3, Semester 1
SSB962 Survey Methods 19
SSB969 Sociological Theory & Analysis 19

Year 3, Semester 2
SSB971 Political Sociology 19
Sociology Elective 12 3

Year 4, Semester 1
Sociology Elective 12 3
Elective 12 3

Year 4, Semester 2
Elective 12 3
Elective 12 3

Year 5, Semester 1
SSB980 Contemporary Sociological Theory 12 3
Sociology Elective 12 3

Year 5, Semester 2
SSB981 Qualitative Research Methods 12 3
Sociology Elective 12 3

Year 6, Semester 1
Elective 12 3
Elective 12 3

Year 6, Semester 2
Sociology Elective 12 3
Elective 12 3

SOCILOGY ELECTIVE UNITS AND GENERAL ELECTIVE UNITS

Electives in the Sociology major are divided into Sociology elective units and general elective units.

Sociology Elective Units

The Sociology electives may be chosen from the following, subject to staff availability and sufficient enrolment. Contact the Course Coordinator before enrolling.

SSB964 Sex, Gender & Society 12 3
SSB966 Independent Study (Sociology) 12 3
SSB972 Ethnicity, Nationalism & Cultural Diversity in the Contemporary World 12 3
SSB973 Social Theory & Social Change in Contemporary Europe 12 3
SSB974 Sociology of Scientific Knowledge 12 3
SSB975 History of the Human Sciences 12 3
General Elective Units
Up to 96 credit points of general elective units may be chosen from units offered by the School of Social Science, or by another School within the Faculty of Arts, or from any other faculty within the university as long as it is a 12 credit point unit. You may seek advice from the major coordinator regarding options.

Bachelor of Social Science (SS60)

Location: CARSeldine campus
Course Duration: 3 years full-time
Total Credit Points for Award: 288
Coordinator: Dr Barbara Adkins

Course Requirements
Students must complete:

- the first year requirements, including two Faculty Foundation Units from Table 1
- EITHER
  - two major study sequences
  OR
  - one major, and two minor study sequences (One of the major sequences must be chosen from those listed in Table 2);
- A minimum of 14 of the total of 24 course units must be taken from SSB codes subjects. Twelve of these must be at an advanced level.
- A major study sequence is made up of 84 credit points, of which 72 points must be at second or third year level.
- A minor study sequence is made up of 48 credit points, of which 36 credit points must be at the second or third level.

Details of the major and minor study programs follow, but you must consult the Course Coordinator about your study program.

Full-Time Course Structure – Two Major Option
Please note that the actual course structure will depend on the majors chosen.

Year 1, Semester 1
Faculty Foundation Unit
Course Foundation Unit
Course Foundation Unit
Elective

Year 1, Semester 2
Faculty Foundation Unit
Course Foundation Unit
Course Foundation Unit
Elective

Year 2, Semester 1
Major 1
Major 1
Major 2
Elective

Year 2, Semester 2
Major 1
Major 1
Major 2
Elective
Year 3, Semester 1
Major 1
Major 1
Major 2
Elective

Year 3, Semester 2
Major 1
Major 2
Major 2
Elective

Full-Time Course Structure - One Major, Two Minors Option
Please note that the actual course structure will depend on the major and minors chosen.

Year 1, Semester 1
Faculty Core Unit
Course Foundation Unit
Course Foundation Unit
Elective

Year 1, Semester 2
Faculty Core Unit
Course Foundation Unit
Discipline Study Unit, Major 1
Elective

Year 2, Semester 1
Course Foundation Unit
Discipline Study Unit, Major 1
Discipline Study Unit, Minor 1
Discipline Study Unit, Minor 2

Year 2, Semester 2
Discipline Study Unit, Major 1
Discipline Study Unit, Minor 1
Discipline Study Unit, Minor 2
Elective

Year 3, Semester 1
Discipline Study Unit, Major 1
Discipline Study Unit, Major 1
Discipline Study Unit, Minor 1
Discipline Study Unit, Minor 2

Year 3, Semester 2
Discipline Study Unit, Major 1
Elective
Elective
Elective

Table 1: Faculty Foundation Units

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Class Code</th>
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<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td>AAB051 Arts in Society</td>
<td>12</td>
<td>3</td>
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<td></td>
<td>HUB331 Asian Identities (odd years)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HUB600 Australian Society and Culture (even years)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HUB687 Contemporary Moral Issues</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MJB140 Media &amp; Society</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SSB002 Introduction to Human Rights</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td>AAB051 Arts in Society</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HUB331 Asian identities (odd years)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HUB600 Australian Society and Culture (even years)</td>
<td>12</td>
<td>3</td>
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<tr>
<td></td>
<td>HUB687 Contemporary Moral Issues</td>
<td>12</td>
<td>3</td>
</tr>
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<td></td>
<td>MJB140 Media &amp; Society</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SSB002 Introduction to Human Rights</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
### Table 2: Major Study Programs
- Psychology
- Gender Studies
- Sociology
- Political Studies
- Human Services

### Table 3: Minor Study Programs
- Applied Social Research
- Gender Studies
- Human Services
- Political Studies
- Psychology
- Sociology

### Table 4: Other Major and Minor Study Programs
Please note that not all units will be available at the Carseldine Campus. This list is indicative only—other programs may be approved from time to time.

#### Majors
- Accountancy
- Adult & Workplace Education
- Applied Ethics
- Banking & Finance
- Communication
- Early Childhood Education
- Economics
- History
- Human Resource Management
- Information Systems
- Interior Design<sup>20</sup>
- International Business
- International Studies
- Justice Studies
- Languages
- Legal & Justice Policy
- Management<sup>19</sup>
- Marketing
- Primary Education
- Public Health

#### Minors
- Adult & Workplace Education
- Advertising
- Analytical Techniques for Business
- Applied Ethics
- Creative Writing Production
- Econometrics
- Economics
- Finance
- Geographical & Environmental Studies
- History
- Indigenous Australian Studies
- Information Systems
- Interior Design<sup>20</sup>
- International Studies
- Languages
- Literature
- Journalism
- Intelligence & Security
- Law Enforcement
- Media Studies
- Organisational Communication
- Public Health
- Public Relations
- Urban & Regional Planning<sup>19</sup>

### COURSE STRUCTURES

#### PSYCHOLOGY COURSE STRUCTURE

**Major:** One course foundation unit plus six discipline study units  
**Minor:** One course foundation unit plus three discipline study units

<table>
<thead>
<tr>
<th>Course Foundation Units</th>
<th>Credit points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSB003 Introduction to Psychology 1A</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB101 Introduction to Psychology &amp; Health Care</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB912 Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB932 Introduction to Psychology 1B</td>
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<td>3</td>
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<table>
<thead>
<tr>
<th>Discipline Study Units</th>
<th>Credit points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSB930 Psychological Research Methods</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB915 Social Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB913 Developmental Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB933 Cognitive Psychology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB936 Personality &amp; Psychopathology</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<sup>19</sup> Denotes sociology core subject that both simple and extended majors must do.

<sup>20</sup> Subject to final approval.
**ARTS**

Plus any one of the following:

SSB008  Counselling Theory & Practice 1  
SSB950  Research Design & Data Analysis  
SSB931  Perception  
SSB934  Physiological Psychology  
SSB941  Psychological Assessment  
SSB944  Industrial & Organisational Psychology  
SSB804  Psychology & Gender  
SSB939  Alcohol & Other Drug Studies  
SSB943  Occupational & Vocational Psychology  
SSB948  Advanced Developmental Psychology  
SSB949  Introduction to Family Therapy

Students wishing to complete a psychology major must attain a grade of 4 in SSB930 and be accepted into the quota for the Psychology program (SS07).

**SOCIOLGY COURSE STRUCTURE**

**Major:** One course foundation unit plus six discipline study units

**Minor:** One course foundation unit plus three discipline study units

**Course Foundation Unit**

Any one of the following:

SSB000  Introduction to Sociology 1A: Australian Perspectives  
SSB982  Introduction to Social Science & Health Care

**Discipline Study Units**

SSB960  Introduction to Sociology 1B: Global Perspectives  
SSB962  Survey Methods  
SSB969  Sociological Theory & Analysis  
SSB971  Political Sociology  
SSB980  Contemporary Sociological  
SSB981  Qualitative Research Methods

**HUMAN SERVICES COURSE STRUCTURE (SUBJECT TO FINAL APPROVAL)**

**Major**  One course foundation unit plus six discipline study units

**Minor**  One course foundation unit plus three discipline study units

<table>
<thead>
<tr>
<th>Course Foundation Units</th>
<th>Semester Offered</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Both of:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSB050  Introduction to Human Services</td>
<td>1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB052  Interpersonal Skills for Human Services</td>
<td>2</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

**Discipline Studies Units**

Any five of the following:

SSB003  Introduction to Psychology 1A  
SSB004  Social Inequality and Difference in Australia  
SSB011  Child & Family Services: Introduction  
SSB012  Disability Services: Introduction  
SSB013  Corrective Services: Introduction  
SSB014  Aged Services: Introduction  
SSB016  Services to Young People: Introduction  
SSB020  Child & Family Services: Practice Issues  
SSB021  Disability Services: Practice Issues  
SSB022  Corrective Services: Practice Issues  
SSB023  Aged Services: Practice Issues  
SSB026  Services to Young People: Practice Issues  
SSB027  Community Work  
SSB030  Child & Family Services: Advanced Practice  
SSB031  Disability Services: Advanced Practice  
SSB032  Corrective Services: Advanced Practice  
SSB033  Aged Services: Advanced Practice  
SSB035  Services to Young People: Advanced Practice
### GENDER STUDIES COURSE STRUCTURE

**Major:** One course foundation unit plus six discipline study units  
**Minor:** One course foundation unit plus three discipline study units

<table>
<thead>
<tr>
<th>Course Foundation Unit</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>HUB760 Introduction to Gender Studies</td>
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<tr>
<th>Core Discipline Units</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tr>
<td>SSB964 Sex, Gender &amp; Society</td>
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<tr>
<td>AAB006 Feminist Studies in the Arts</td>
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<td>HUB617 Women, Aid &amp; Development</td>
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<td>HUB618 Asian Women</td>
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<tr>
<td>HUB711 Australian Womens Writing</td>
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<td>HUB730 Gender &amp; Representation</td>
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<td>HUB754 Feminism &amp; Ethics</td>
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<td>HUB761 Nineteenth Century Feminine/Feminist Fictions</td>
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<td>MJB307 Feminist Media Studies</td>
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<td>SSB964 Sex, Gender &amp; Society</td>
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<tr>
<td>SSB981 Qualitative Research Methods</td>
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<td>SSB985 Gender and Social Institutions</td>
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### POLITICAL STUDIES COURSE STRUCTURE

**Major:** One course foundation unit plus six discipline study units  
**Minor:** One course foundation unit plus three discipline study units

<table>
<thead>
<tr>
<th>Course Foundation Unit</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>HUB722 Introduction to Politics: Political Ideologies</td>
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<thead>
<tr>
<th>Core Discipline Unit</th>
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<tr>
<td>SSB971 Political Sociology</td>
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<th>Discipline Units</th>
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<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>HUB682 Social Movements in Australia</td>
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<tr>
<td>HUB703 Indigenous Politics &amp; Political</td>
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<tr>
<td>HUB752 The Just Society</td>
<td>12</td>
<td>3</td>
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<tr>
<td>HUB772 Political Ideologies</td>
<td>12</td>
<td>3</td>
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<tr>
<td>HUB800 Politics &amp; Markets</td>
<td>12</td>
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<tr>
<td>HUB802 Politics &amp; the Social Contract</td>
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<tr>
<td>SSB053 Policy &amp; Social Changes in Human</td>
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<td>3</td>
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<tr>
<td>SSB060 Human Services in Macro Contexts</td>
<td>12</td>
<td>3</td>
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<tr>
<td>SSB832 Political Behaviour</td>
<td>12</td>
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<tr>
<td>SSB962 Survey Methods</td>
<td>12</td>
<td>3</td>
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</table>

### APPLIED SOCIAL RESEARCH COURSE STRUCTURE

**Minor:** One course foundation unit plus three discipline study units

<table>
<thead>
<tr>
<th>Course Foundation Units</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>SSB000 Introduction to Sociology 1A: Australian Perspectives</td>
<td>12</td>
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<tr>
<td>SSB003 Introduction to Psychology 1A</td>
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**ARTS**

**Discipline Studies Units**

<table>
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<tr>
<th>Code</th>
<th>Name</th>
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<tr>
<td>SSB962</td>
<td>Survey Methods</td>
<td>12</td>
<td>3</td>
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<tr>
<td>SSB058</td>
<td>Social Enquiry</td>
<td>12</td>
<td>3</td>
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<tr>
<td>OR</td>
<td>Psychological Research</td>
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<tr>
<td>SSB981</td>
<td>Qualitative Research Methods</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

**Other Studies**

Students are encouraged to take major and minor Studies in other areas. A full listing of the majors and minors currently approved is available from the Course Coordinator.

---

**Associate Degree in Dance (AA09)**

**Location:** Kelvin Grove campus  
**Course Duration:** 2 years full-time  
**Total Credit Points:** 192  
**Course Coordinator:** Professor Susan Street

**Course Structure**

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td>AAX104</td>
<td>Dance Kinesiology &amp; Alignment</td>
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<td>AAX111</td>
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<td>AAX115/1</td>
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<td>AAX117</td>
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<td>AAX135</td>
<td>Dance Styles 1</td>
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<tr>
<td>Year 1, Semester 2</td>
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<td>AAX118</td>
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<td>AAX122</td>
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<td>AAX132</td>
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<td>AAX136</td>
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<td>Year 2, Semester 1</td>
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<td>Music Theatre Skills</td>
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<td>AAX113</td>
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<td>AAX134</td>
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</table>

**Pre-enrolment of Commencing Students**

Commencing students have been pre-enrolled in their units for the year. Any student not entering the first year of the course or who has been given credit for one or more of the listed units should strike out the relevant units by ruling a bold line through the unit code and unit name, and then attach a page to their enrolment form listing the different unit(s) to be studied in 1998.

\(^{15}\) Designated unit.
<table>
<thead>
<tr>
<th>Course Requirements and Notes Relating to Postgraduate Courses</th>
<th>312</th>
</tr>
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<tbody>
<tr>
<td>Master of Applied Science (Research) (BN71)</td>
<td>312</td>
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<tr>
<td>Master of Engineering (BN72)</td>
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<tr>
<td>Master of Built Environment (BN73)</td>
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<tr>
<td>Master of Engineering Science (Civil) (CE74)</td>
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<tr>
<td>Master of Engineering Science (Computer and Communication Engineering) (EE76)</td>
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<tr>
<td>Master of Engineering Science (Electricity Supply Engineering) (EE78)</td>
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<tr>
<td>Master of Engineering Science (Engineering Management) (ME76)</td>
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<td>Master of Engineering Science (Engineering Management) (ME77) (Singapore)</td>
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<tr>
<td>Master of Facilities Management (CN75)*</td>
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<tr>
<td>Master of Landscape Architecture (PS71)</td>
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<tr>
<td>Master of Project Management (CN77)</td>
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<tr>
<td>Master of Project Management (CN78) (Singapore)</td>
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<tr>
<td>Master of Urban and Regional Planning (PS70)</td>
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<td>Graduate Diploma in Computer Engineering (EE65)</td>
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<tr>
<td>Graduate Diploma in Electricity Supply Engineering (EE60)</td>
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<tr>
<td>Graduate Diploma in Industrial Design (AR61)</td>
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<tr>
<td>Graduate Diploma in Interior Design (AR62)</td>
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<td>Graduate Diploma in Landscape Architecture (PS66)</td>
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<td>Graduate Diploma in Municipal Engineering (CE63)</td>
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<td>Graduate Diploma in Project Management (CN64)</td>
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<td>Graduate Diploma in Project Management (CN65) (Singapore)</td>
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<td>Graduate Diploma in Surveying Practice (PS68)</td>
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<td>Graduate Diploma in Urban and Regional Planning (PS72)</td>
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<tr>
<td>Graduate Diploma in Urban Design (PS69)</td>
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<tr>
<td>Graduate Certificate in Building Fire Safety (AR65)</td>
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<tr>
<td>Graduate Certificate in Civil Engineering (Road Engineering, Transport Engineering, Engineering Administration) (CE62)</td>
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<tr>
<td>Graduate Certificate in Electricity Supply Engineering (EE82)</td>
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<tr>
<td>Graduate Certificate in Engineering (Materials Technology) (ME70)</td>
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<tr>
<td>Graduate Certificate in Engineering Management (ME75)</td>
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<td>Graduate Certificate in Project Development (CN81)</td>
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<td>Course Requirements and Notes Relating to Undergraduate Courses</td>
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<td>Bachelor of Applied Science (Construction Management) (CN31)</td>
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<td>Bachelor of Applied Science (Property Economics) (CN52)</td>
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<td>Bachelor of Applied Science (Quantity Surveying) (CN53)</td>
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</table>
- Bachelor of Applied Science (Quantity Surveying) (CN33) .................................................. 360
- Bachelor of Architecture (AR48) .......................................................................................... 361
- Bachelor of Architecture (AR41) ......................................................................................... 363
- Bachelor of Built Environment (BN31) ................................................................................ 363
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- Bachelor of Engineering (Mechanical) (ME45) – Conversion Program from Bachelor of Technology (ME35) ................................................................. 379
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For combined/double degree courses in Engineering/Business, Engineering/Mathematics, and Engineering/Information Technology, please see University-wide and Interfaculty courses section.

* For the Graduate Diploma and Graduate Certificate courses in Facilities Management, please see University-wide and Interfaculty courses section.
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 the 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 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 Student Rule 1.21 in the QUT Handbook.

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.

Master of Applied Science (Research) (BN71)
Master of Engineering (BN72)

Location: Gardens Point campus

Duration:
Full-Time: 1 year minimum (2 semesters), 2 years maximum (4 semesters)
Part-Time: 2 years minimum (4 semesters), 4 years maximum (8 semesters)
Discipline Coordinators:
Master of Applied Science (Research) (BN71)
Construction, Project Management & Property: Associate Professor Keith Hampson
Architecture: Professor Gordon Holden
Interior Design: Dr Jill Franz
Industrial Design: Associate Professor Vesna Popovic
Planning: Dr Janelle Allison
Landscape Architecture: Professor Helen Armstrong
Surveying: Associate Professor Brian Hannigan

Master of Engineering (BN72)
Civil Engineering: Associate Professor Mahen Mahendran
Signal Processing: Professor Boualem Boashash
Satellite Systems: Dr Mohmmed Bennamoun
Electrical Energy: Dr Keith Hoffman
Manufacturing Systems: Dr Prasad Yarlagadda
Medical Engineering: Professor Mark Pearcy
Materials Technology: Associate Professor John Bell
Tribology: Professor Will Scott

Introduction
The objectives of the program are:

- to provide instruction and postgraduate educational opportunities in design, investigation, development, research or any combination thereof, in the specialised fields of applied science relating to the built environment or directly related to professional engineering practice, by means of a program which involves either an advanced contribution to knowledge or an advanced application of existing knowledge
- to provide further education in research methods
- to enable graduates employed in industry to undertake further education by research and thesis
- to further relationships between the University and industry or other external agencies involved in applied science or engineering to their mutual advantage, and
- to provide formal recognition of work of an advanced nature.

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 procedures relating to research degrees is exercised through a Research Management Committee which is 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 biannually to Research Management Committee on progress made by research Masters degree candidates.

1.4 This program is administered by the Academic Board of the Faculty of Built Environment and Engineering through its Faculty Research Committee. The program is offered in Architecture, Civil Engineering, Construction Management, Electrical and Electronic Systems Engineering, Industrial Design, Interior Design, Landscape Architecture, Mechanical, Manufacturing Engineering and Medical Engineering, Property Economics, Planning and Surveying.

1.5 In order to qualify for the award of the degree of Master of Applied Science (Research) or Master of Engineering a candidate must:

- have completed the approved program involving advanced work under the supervision of a Thesis Panel prescribed by the Faculty Research Committee of the Built Environment and Engineering Academic Board
have submitted, and the Faculty Research Committee accepted a thesis, together with reports and/or documents where applicable, prepared under the supervision of the Thesis Panel

☐ have completed such other work as may be prescribed by the Faculty Research Committee, and

☐ submit to the Faculty Research Committee a declaration signed by the candidate that they have not been a candidate for another tertiary award without permission of the Faculty Research Committee.

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 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 the University Enrolments Office 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 Honours 2A 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 applicant’s 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 shall 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 applicant’s 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 candidate’s intended course of study including the following:
- a description of the area of study within which the candidate’s 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 Director of Centre, 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 supervisors 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 48 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: A minimum of two-thirds of the degree
- Maximum coursework requirement: 64 credit points
- Minimum coursework requirement: 12 credit points
- Normal coursework requirement: 24 to 36 credit points

3.8 Components of Coursework:
(a) Compulsory requirement for all students in the Faculty:
- IFN001 Advanced Information Retrieval Skills: 4 credit points
- Attendance & Participation in School and/or Research Centre or Concentration Seminar/Workshop: 6 to 12 credit points

(b) Components determined by School and/or Research Centre or Concentration – Core or Elective
- Units assessed by formal graded assessment: 24 credit points maximum
- Maximum units assessed as satisfactory/unsatisfactory: 24 credit points maximum
- Specific tailor-made reading courses supervised by supervising panel or individual member of staff: 24 credit points maximum

Students must contact their Course Coordinator to finalise their program.

4. Period of Time for Completion of Course of Study
4.1 The duration of study for candidates with four years of relevant study at tertiary level will normally be a minimum of one year and a maximum of two years or the part-time equivalent. Candidates who do not have a four-year degree or its equivalent will normally need to undertake a year of full-time coursework or equivalent whilst enrolled in the research degree.

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 graduate full-time 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 graduate part-time student shall present the thesis for examination after a period of at least two years. The

1 Maximum of 16 credit points per semester for each semester enrolled in the program.
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 exclusion by registered mail. They have right of appeal to the Academic Appeals Committee.

5. Supervision

5.1 The Faculty Research Committee shall appoint two or more supervisors with appropriate experience in respect of each candidate. One shall be nominated as the Principal Supervisor and others as Associate Supervisors. The supervisors shall form a Thesis Panel.

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 Thesis Panel shall supervise all aspects of the candidate’s work program, shall receive reports from the candidate on progress and shall recommend 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 Thesis Panel shall receive a formal oral and written report from the candidate at least once every semester on progress on the research project.

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 Director of Centre in which the study is proposed 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 or Centre 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 Director of Centre in which the study is proposed 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/Centre 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 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.

8. Examination of Thesis

8.1 The Faculty Research Committee shall appoint two/three examiners, of whom at least one 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:

   (a) recommend that the thesis be accepted without modification, and to Academic Board that the candidate be awarded the degree, or
   (b) recommend to Academic Board that the candidate be awarded the degree, after any minor amendments requested by the examiners have been made, or
   (c) 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
   (d) 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 (BN73)

URBAN DESIGN MAJOR

Location: Gardens Point campus

Course Duration: 1 calendar year full-time, 2 calendar years part-time

Total Credit Points: 144

Standard Credit Points/Full-Time Semester: 48

Coordinator: Dr Danny O’Hare

Entry Requirements

Normal Entry

A grade point average of 5.0 or better in the Graduate Diploma in Urban Design.

Provisional Entry

Applicants with other than normal entry requirements may be registered provisionally in the course if they submit other evidence of academic and professional attainment and candidature as approved by the Dean of the Faculty on the recommendation of the Course Coordinator.

A person provisionally enrolled is required to satisfactorily undertake a qualifying program which may include course units, and/or such other work as is determined before admission is confirmed. Provisional registration in the course will apply for a maximum period of 12 months for both full-time and part-time students.

Articulation to the Masters Program from the graduate Diploma in Urban Design

Applicants are considered initially for acceptance in the Graduate Diploma in Urban Design. At the completion of one semester for full-time students and at the completion of two semesters for those studying part-time, students will be considered for enrolment in the Master of Built Environment (Urban Design). A grade point average of 5.0 or better in the course is normally required for progression to the Masters level.

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.

Course Requirements

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

The course may be completed full-time or part-time (or a combination of both) by internal course work of Semester Units.

Master of Built Environment (Urban Design)

The normal progression will extend the Graduate Diploma program by a flexibly delivered summer semester (see Section 4 below) for part-time and full-time students. Articulation from the Graduate Diploma to the Masters level program will be available at the end of second Semester full time or 3 Semesters part time provided that applicants have completed the preceding course work with a Grade Point Average of 5.0 or better.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARB081 History, Theory &amp; Criticism of Urban Design</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ARB082 Urban Design Studio B</td>
<td>24</td>
<td>6</td>
</tr>
<tr>
<td>PSP451 Production &amp; Use of the Built Environment</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSN211 Research Project 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSP452 Urban Design Studio A</td>
<td>24</td>
<td>6</td>
</tr>
<tr>
<td>PSP453 Urban Systems &amp; the Physical Environment</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Summer Semester</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARB083 Urban Design Masters Studio</td>
<td>24</td>
<td>2 blocks</td>
</tr>
<tr>
<td>PSN212 Research Project 2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSP510 Specialisation</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
Part-Time Course Structure

**Year 1 Semester 1**
- ARB081 History, Theory & Criticism of Urban Design 12 3
- PSP451 Production & Use of the Built Environment 12 3

**Year 1 Semester 2**
- PSP452 Urban Design Studio A 24 6
- PSP453 Urban Systems & the Physical Environment 12 3

**Year 2 Semester 1**
- ARB082 Urban Design Studio B 24 6
- PSN211 Research Project 1 12 3

**Year 2 Semester 2**
- PSN212 Research Project 2 12 3
- PSP510 Specialisation 12 3

**Summer Semester**
- ARB083 Urban Design Masters Studio 24 2 blocks

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**Master of Engineering Science (Civil) (CE74)**

**Location:** Gardens Point campus

**Course Duration:** 2 years part-time

**Total Credit Points:** 96

**Standard Credit Points/Part-Time Semester:** 24

**Course Coordinator:** Associate Professor Frank Bullen

**Entry Requirements**
Entrants to the Masters degree program must either:
(i) have obtained a Bachelor of Engineering degree with Honours in Civil Engineering, or
(ii) have obtained a Graduate Diploma with a grade point average of at least 5.0 on a 7-point scale.

Where entrants do not have Honours ranking in their Bachelor of Engineering (Civil) degree and/or have not undertaken units equivalent to the available QUT undergraduate units in their chosen area of study, the Head of School may require that additional undergraduate units be undertaken.

Entrants may transfer from the Graduate Diploma in Municipal Engineering (CE63) with a grade point average of at least 5.0 after completion of 50 per cent of the coursework for the Graduate Diploma. In so doing students must comply with rule 4.1.1 of the Student Rules which states ‘for courses the duration of which is less than two years of equivalent full-time study, credit may be granted up to a limit which ensures that the student completes at least one half of the total credit points specified for the course while enrolled in a QUT award course’.

**Course Structure**
The course consists of a minimum of 96 credit points. Either 36 or 24 credit points are allocated to a project and the remainder to the non-project units. The majority of the units are common with the Graduate Diploma in Municipal Engineering (CE63). 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 total of 96 credit points.

**Note:** Personal protective equipment must be worn for laboratory work.

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td></td>
</tr>
<tr>
<td>CEP131 Engineering Management &amp; Administration</td>
<td>12</td>
</tr>
<tr>
<td>Unit chosen from major</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEP201 Process Modelling</td>
</tr>
<tr>
<td>Unit chosen from major</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semesters 1 and 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one of the following options:</td>
</tr>
</tbody>
</table>
ENVIRONMENTAL ENGINEERING MAJOR (EVN)

Compulsory units:
- CEP173 Water Quality Engineering
- CEP277 Waste Management
- CEP291 Environmental Law & Assessment

Choose remaining units from the following:
- CEP128 Municipal Engineering Planning
- CEP174 Public Health Engineering Practice
- CEP278 Advanced Treatment Processes
- CEP311 Urban Transportation Planning
- CEP362 Drainage Engineering

TRANSPORTATION ENGINEERING MAJOR (TRN)

Compulsory units
- CEP127 Road & Traffic Engineering
- CEP216 Advanced Traffic Engineering
- CEP218 Transportation Engineering

Choose remaining units from:
- CEP175 Pavement Maintenance Rehabilitation & Recycling
- CEP311 Urban Transportation Planning
- CEP362 Drainage Engineering

Master of Engineering Science (Computer and Communication Engineering) (EE76)

This course code (EE76) replaces previous course code (EE75).

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Mr John Edwards

Entry requirements
(i) Bachelor degree in Engineering with at least second class Honours or equivalent, or
(ii) Bachelor degree in Engineering or equivalent together with successful completion of the Masters Qualifying Program
(iii) Graduate Diploma in Computer Engineering with a grade point average (GPA) of 5.0 (credit level) or higher will meet the entry requirements for admission to the Master of Engineering Science (Computer Engineering Stream) Upgrade Program.

Streams
Two streams are offered in the course: Computer Engineering and Communication Engineering. Students enrol in units according to the stream they wish to pursue. Any requests for approval to substitute different units should be directed to the Course Coordinator.

2 CHP691 Environmental Chemistry may be taken as a unit within the Environmental Engineering Major.
3 Indicates units are offered in even years.
4 Indicates units are offered in odd years.
Masters Qualifying Program
Applicants who do not meet the entry requirements for the Master of Engineering Science (Computer and Communication Engineering) outlined in (i) above, will be required to enrol in the first semester of the Graduate Diploma in Computer Engineering (EE65). If in this first semester a sufficiently high standard is attained, then candidates will be invited to change enrolment to the Masters program. Otherwise they will continue their studies in the Graduate Diploma in Computer Engineering towards that award.

Masters Upgrade Program
Those who have completed the Graduate Diploma in Computer Engineering may upgrade by undertaking further study in the Master of Engineering Science (Computer Engineering Stream) 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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEP301/1</td>
<td>Project</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EEP301/2</td>
<td>Project</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Methods of Assessment
Assessment is undertaken in six coursework units and two research units. The coursework units are common with the Graduate Diploma in Computer Engineering. However, Masters students must undertake an additional research training assessment for each coursework unit. These six additional assessments constitute the Research Component unit. Also, an individual research project under academic supervision must be completed. Candidates who have completed the Graduate Diploma in Computer Engineering will be required to complete both the Project and the Research Component, undertaking additional assessment for each coursework unit credited towards the Graduate Diploma.

COMPUTER ENGINEERING STREAM

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, Semester 1</td>
<td>EEP101</td>
<td>Algorithms for Control Engineering</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EEP102</td>
<td>Unix &amp; C for Engineers</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EEP124</td>
<td>Data Communications</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Select one unit from the following:</td>
<td>EEP129</td>
<td>Image Processing &amp; Computer Vision</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EEP137</td>
<td>Advanced Topic A</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>1, Semester 2</td>
<td>EEP104</td>
<td>Real-time Operating Systems</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EEP301/1</td>
<td>Project</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EEP301/2</td>
<td>Project</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Select one unit from the following:</td>
<td>EEP120</td>
<td>Networks &amp; Distributed Computing</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EEP127</td>
<td>Advanced Topic B</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>2, Semester 1</td>
<td>EEP124</td>
<td>Data Communications</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EEP129</td>
<td>Image Processing &amp; Computer Vision</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Part-Time Course Structure

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, Semester 1</td>
<td>EEP101</td>
<td>Algorithms for Control Engineering</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Select one unit from the following:</td>
<td>EEP102</td>
<td>Unix &amp; C for Engineers</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EEP137</td>
<td>Advanced Topic A</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>1, Semester 2</td>
<td>EEP104</td>
<td>Real-time Operating Systems</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Select one unit from the following:</td>
<td>EEP120</td>
<td>Networks &amp; Distributed Computing</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EEP127</td>
<td>Advanced Topic B</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>2, Semester 1</td>
<td>EEP124</td>
<td>Data Communications</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EEP129</td>
<td>Image Processing &amp; Computer Vision</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
Year 2, Semester 2
EEP301/1 Project 12 3
EEP301/2 Project 12 3

Note: Students with heavy work commitments are advised to take the project over two semesters.

COMMUNICATION ENGINEERING STREAM

Full-Time Course Structures

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEP126 Communications Digital Signal Processing</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EEP135 Advanced Digital Signal Processing</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EEP137 Advanced Topic A</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics Elective Unit</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Year 1, Semester 2
EEP127 Advanced Topic B 12 3
EEP128 Detection & Estimation 12 3
EEP301/1 Project 12 3
EEP301/2 Project 12 3

Part-Time Course Structure

Year 1, Semester 1
EEP126 Communications Digital Signal Processing 12 3
EEP135 Advanced Digital Signal Processing 12 3

Year 1, Semester 2
EEP127 Advanced Topic B 12 3
EEP128 Detection & Estimation 12 3

Year 2, Semester 1
EEP137 Advanced Topic A 12 3
Mathematics Elective Unit 12 3

Year 2, Semester 2
EEP301/1 Project 12 3
EEP301/2 Project 12 3

Note: Students with heavy work commitments are advised to take the project over two semesters.

Advanced Topics A and B Unit List
Advanced Topics will vary from year to year depending on staff areas of interest. They may include topics from the following list. Only one of these units will be offered per semester. Other units at a suitable academic level may be substituted, with the approval of the Course Coordinator.

EEP103 Computer Hardware & Interfacing
EEP123 Process Control & Robotics
EEP125 Advanced Engineering Software Tools
Any core unit of other stream

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

Location: Gardens Point campus
Course Duration: 1 year full-time, 2 years part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Tuition Fees (Domestic Students): $150 per credit point for day/evening classes (fees for short-courses and resource-based learning units available on application to School of Electrical and Electronic Systems Engineering) plus a $1000 thesis supervision charge.
Course Coordinator: Dr David Birtwhistle

Entry Requirements
(i) a Bachelor degree in Electrical Engineering and at least second class Honours with a study of power subjects to third year level, or
(ii) students with the degree qualification, but who do not have second class Honours may transfer from the Graduate Diploma (Electricity Supply) after completing 48 credit points with a grade point average (GPA) of 5.0 or greater.

(iii) students seeking admission to Master of Engineering Science will only be enrolled if they have a firm offer of a supervised industry placement.

---

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 Units (selected from List 1)</td>
<td>48</td>
<td>12</td>
</tr>
</tbody>
</table>

**Year 1, Semester 2**

- EEP230 Thesis A\(^5\) | 12 | 3 |
- EEP231 Thesis B\(^5\) | 12 | 3 |
- 6 Units (selected from List 1) | 24 | 6 |

**Part-Time Course Structure**

**Year 1, Semester 1**

- 6 Units (selected from List 1) | 24 | 6 |

**Year 1, Semester 2**

- 6 Units (selected from List 1) | 24 | 6 |

**Year 2, Semester 1**

- EEP230 Thesis A\(^5\) | 12 | 3 |
- 3 Units (selected from List 1) | 12 | 3 |

**Year 2, Semester 2**

- EEP231 Thesis B\(^5\) | 12 | 3 |
- 3 Units (selected from List 1) | 12 | 3 |

**List 1: Units**

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Weeks</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEP201 Fundamentals of Power System Earthing</td>
<td>1-5</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP202 Thermal Ratings &amp; Heat Transfer</td>
<td>1-5</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP203 Testing &amp; Condition Monitoring</td>
<td>6-10</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP204 Power System Load Flow Analysis</td>
<td>1-5</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP205 Power System Fault Calculations</td>
<td>6-10</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP206 Project Management</td>
<td>11-15</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP208 Economic Analysis for Power Systems Engineers</td>
<td>6-10</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP209 Power System Harmonics</td>
<td>11-15</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP210 Abnormal System Voltages</td>
<td>6-10</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP211 Basic Power System Protection</td>
<td>11-15</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP213 Statistics</td>
<td>1-5</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP218 Introduction to Automated System Control &amp; Supervisory Systems (SCADA)</td>
<td>6-10</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP219 High Voltage Substation Equipment, Power Transformers &amp; Reactive Power Plant</td>
<td>11-15</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP240 Organisation and Financial Management in the Electricity Supply Industry</td>
<td>1-5</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>EEP243 Contract Administration</td>
<td>11-15</td>
<td>4</td>
<td>3</td>
</tr>
</tbody>
</table>

**Semester 2**

- EEP207 Overhead Line Route Selection - Environmental Factors | 1-5 | 4 | 3 |
- EEP212 Advanced Power System Protection | 1-5 | 4 | 3 |
- EEP214 Risk Assessment in the Electricity Supply Industry | 6-10 | 4 | 3 |
- EEP215 Reliability | 1-5 | 4 | 3 |
- EEP216 Overhead Line Design – Electrical | 6-10 | 4 | 3 |
- EEP217 Overhead Line Design – Mechanical | 11-15 | 4 | 3 |
- EEP220 Distribution Planning | 11-15 | 4 | 3 |
- EEP221 Limits to Power System Stability | 1-5 | 4 | 3 |
- EEP222 Maintenance of Electricity Supply Systems | 11-15 | 4 | 3 |

---

5 Students must complete 100 days of supervised professional practice. The thesis is related to this industry experience.
EEP223 Load Forecasting 6-10 4 3
EEP224 Power System Operation 11-15 4 3
EEP241 Distance Protection 6-10 4 3
EEP242 Efficient Marketing and Utilisation of Electricity: 11-15 4 3
EEP244 Circuit Breakers - Switchgear 1-5 4 3
EEP245 Introduction to Substation Design 6-10 4 3

Units available as Resource-based Learning (i.e. Distance Education) with flexible enrolment:

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Hours of Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEP202 Thermal Ratings &amp; Heat Transfer</td>
<td>4</td>
</tr>
<tr>
<td>EEP204 Power System Load Flow Analysis</td>
<td>4</td>
</tr>
<tr>
<td>EEP208 Economic Analysis for Power System Engineers</td>
<td>4</td>
</tr>
<tr>
<td>EEP209 Power System Harmonics</td>
<td>4</td>
</tr>
<tr>
<td>EEP210 Abnormal System Voltages</td>
<td>4</td>
</tr>
<tr>
<td>EEP211 Basic Power System Protection</td>
<td>4</td>
</tr>
<tr>
<td>EEP212 Advanced Power System Protection</td>
<td>4</td>
</tr>
<tr>
<td>EEP213 Statistics</td>
<td>4</td>
</tr>
<tr>
<td>EEP214 Risk Management in the Electricity Supply Industry</td>
<td>4</td>
</tr>
<tr>
<td>EEP215 Reliability</td>
<td>4</td>
</tr>
<tr>
<td>EEP220 Distribution Planning</td>
<td>4</td>
</tr>
<tr>
<td>EEP240 Organisation &amp; Financial Management in the Electricity Supply Industry</td>
<td>4</td>
</tr>
<tr>
<td>EEP241 Distance Protection</td>
<td>4</td>
</tr>
</tbody>
</table>

Units in this course have been accepted by industry as approved training modules.

Credit points may be accumulated towards this award from day/evening classes (3 hours per week x 5 weeks), flexible enrolment in Resource-based Learning (i.e. Distance Education) units or from units taken as short-courses conducted in June/July on-campus in Brisbane as well as at interstate locations and November/December. Further information on units available as Resource-based Learning or short-courses can be obtained by contacting Mr Lyle McKinnon, School of Electrical and Electronic Systems Engineering, on (07) 3864 1632 or l.mckinnon@qut.edu.au.

### Master of Engineering Science (Engineering Management) (ME76)

**Location:** Gardens Point campus  
**Course Duration:** 1 year full-time, 2 years part-time  
**Total Credit Points:** 96  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Professor Nick Hastings

A similar course (ME77) is offered in Singapore in conjunction with Crossfields Asia Pacific Pty Ltd.

**Entry Requirements**  
A Bachelors degree in Engineering (or its equivalent).

Part-time students are expected to be employed in some professional engineering capacity during the day and to carry out their QUT studies at night.

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEN177 Total Quality Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEN280 Engineering Project Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Select two units from the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEN171 Advanced Manufacturing Technologies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEN190/1 Project 6</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEN241 Reliability &amp; Maintenance Management</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

6 Students must take MEN190 unless they obtain the permission of the Head of School, Mechanical, Manufacturing and Medical Engineering not to do so. MEN190 is a two semester project.
Semester 2
MEN172 Cost Analysis & Asset Management 12 3
Select three units from the following:
MEN170 Systems Modelling & Simulation 12 3
MEN175 Energy & Environmental Management 12 3
MEN190/2 Project 6 12 3
MEN270 Manufacturing Resource Planning 12 3

Part-Time Course Structure

Year 1, Semester 1
MEN177 Total Quality Management 12 3
Select one unit from the following:
MEN171 Advanced Manufacturing Technologies 12 3
MEN190/1 Project 6 12 3
MEN241 Reliability & Maintenance Management 12 3

Year 1, Semester 2
MEN172 Cost Analysis & Asset Management 12 3
Select one unit from the following:
MEN170 Systems Modelling & Simulation 12 3
MEN175 Energy & Environmental Management 12 3
MEN190/2 Project 6 12 3
MEN270 Manufacturing Resource Planning 12 3

Year 2, Semester 1
MEN280 Engineering Project Management 12 3
Select one unit from the following:
MEN171 Advanced Manufacturing Technologies 12 3
MEN190/1 Project 6 12 3
MEN241 Reliability & Maintenance Management 12 3

Year 2, Semester 2
Select two units from the following:
MEN170 Systems Modelling & Simulation 12 3
MEN175 Energy & Environmental Management 12 3
MEN190/2 Project 6 12 3
MEN270 Manufacturing Resource Planning 12 3

Master of Engineering Science (Engineering Management) (ME77) – Singapore

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 technology; 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.

For further information about the course, please contact Ms Iola Ternel on (07) 3864 1398.

Students must take MEN190 unless they obtain the permission of the Head of School, Mechanical, Manufacturing and Medical Engineering not to do so. MEN190 is a two semester project.
Master of Facilities Management (CN75)

Location: Gardens Point campus
Course Duration: 3 years part-time
Total Credit Points: 144
Standard Credit Points/Part-Time Semester: 24
Tuition Fees (Domestic Students): $90 per credit point
Course Coordinator: Associate Professor Danny Then

Entry Requirements
- A relevant bachelor degree from an approved tertiary institution; OR
- Professional qualifications deemed equivalent to the above by the Deans of the Faculties involved on the recommendation of the Course Coordinator; AND
- Successful completion of IF92 with a GPA of 5.0 or above; AND
- At least two years of appropriate work experience.

Professional Recognition
This course has been designed in close association with the Facilities Management Association, Queensland Branch.

Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSN204 Management of the Business Environment</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>GSN208 Personal Development &amp; Ethics for Managers</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNP100 Fundamentals of Facilities Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CNP101 Facilities Support Services</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNP102 Space Planning &amp; Workplace Strategies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CNP546 Strategic Asset Management &amp; Maintenance</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSN202 Managerial Accounting</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>GSN205 Managing Human Resources</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNN103/1 Dissertation (includes Research Methodology and Advanced Information Retrieval Skills lectures)</td>
<td>48</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNN103/2 Dissertation</td>
<td>48</td>
<td></td>
</tr>
</tbody>
</table>

Variations to the recommended study program require prior approval from the Course Coordinator.

An Advanced Information Retrieval Skills unit is compulsory in the Master of Facilities Management. 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.

Master of Landscape Architecture (PS71)

Location: Gardens Point campus
Course Duration: 2½ years full-time or 5 years part-time (excluding any Masters Qualifying Units)
Total Credit Points: 228 (excluding any Masters Qualifying Units)

Standard Credit Points/Full-Time Semester:
- Semesters 1 & 2: 48
- Semesters 3 & 4: 48 minimum, 60 maximum
- Semester 5: 12 minimum, 24 maximum
Course Coordinator: Mr Glenn Thomas
Entry Requirements
To be eligible for normal admission an applicant must:

(i) hold a degree requiring at least three years’ full-time (or its equivalent) study and completed with a Grade Point Average of at least 5.0 on a seven-point scale; or

(ii) other documented qualifications and experience considered as equivalent by the Head of School; and, in addition but not necessarily before applying for admission, minimum knowledge and skills in design principles, freehand graphics, technical drawing and computer literacy as set out in the relevant Coursebook equivalent to a matriculation level in appropriate subject area or demonstrated equivalent approved by the Head of School.

Graduates of the Bachelor of Built Environment (Landscape Architecture) considered eligible for direct entry under the above criteria will be granted block credit for the first 96 credit points of the course on admission. Students from other backgrounds may be granted credit as appropriate to their education and experience.

Professional Recognition
Professional accreditation for the course has been granted by the Australian Institute of Landscape Architects.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP020 Landscape Studies 1</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP021 Landscape Studies 2</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP212 User &amp; Character Design Studies</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP251 Landscape Construction 1</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP022 Landscape Studies 3</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP023 Landscape Studies 4</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP213 Site Planning</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP252 Landscape Construction 2</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP024 Advanced Landscape Studies 1</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP025 Advanced Landscape Studies 2</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP214 Residential Landscape Design</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP215 Urban Landscape Design</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP026 Advanced Landscape Studies 3</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP027 Advanced Landscape Studies 4</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSN213 Specialisation7</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSP216 Landscape Planning</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 1 (or 2)</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSN211 Research Project 17</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSN212 Research Project 2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSN213 Specialisation OR</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSN214 Elective</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Part-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP020 Landscape Studies 1</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP251 Landscape Construction 1</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP022 Landscape Studies 3</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP252 Landscape Construction 2</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP021 Landscape Studies 2</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP212 User &amp; Character Design Studies</td>
<td>12</td>
<td>5</td>
</tr>
</tbody>
</table>

7 Contact time allocations for these units are nominal only.
### Year 2, Semester 2
- PSP023 Landscape Studies 4
- PSP213 Site Planning

### Year 3, Semester 1
- PSP024 Advanced Landscape Studies 1
- PSP214 Residential Landscape Design

### Year 3, Semester 2
- PSP026 Advanced Landscape Studies 3
- PSP216 Landscape Planning

### Year 4, Semester 1
- PSP025 Advanced Landscape Studies 2
- PSP215 Urban Landscape Design

### Year 4, Semester 2
- PSP027 Advanced Landscape Studies 4

### Masters Level Units

#### Year 5, Semester 1
- PSN211 Research Project 1
- PSN213 Specialisation

#### Year 5, Semester 2
- PSN212 Research Project 2

For students upgrading an existing Professional qualification the following Masters Qualifying Units are required (credit in all or part may be granted at the discretion of the Head of School).

- PSN207 Preparatory Specialisation 1
- PSN208 Preparatory Specialisation 2
- PSN209 Preparatory Electives 1
- PSN210 Preparatory Electives 2

### Master of Project Management (CN77)

A similar course is offered in Singapore (CN78).

**Location:** Gardens Point campus  
**Course Duration:** 1½ years full-time, 3 years part-time  
**Total Credit Points:** 144  
**Standard Credit Points/Full-Time Semester:** 48  
**Tuition Fees (Domestic Students):** $85 per credit point  
**Course Coordinator:** Associate Professor Keith Hampson

**Entry Requirements**

(i) A relevant bachelor degree from an approved tertiary institution and demonstrated potential in professional activity to undertake Masters Degree course, OR  
(ii) A relevant Graduate Diploma or qualifying program with a grade point average of 5.0 or better, OR  
(iii) Qualifications deemed equivalent to (i) or (ii) by the Dean of Faculty on the recommendation of the Course Coordinator, AND  
(iv) At least three years of appropriate industry experience after graduation.

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 Master of Project Management (CN77) who are graduates of the Graduate Diploma in Project Management (CN64) will need to submit an Application for 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 (CN64).

---

7 Contact time allocations for these units are nominal only.
The Master of Project Management (CN77) has majors in Project Management and Property Development. An Advanced Information Retrieval Skills unit is compulsory in the Master of Project Management. 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.

**PROJECT MANAGEMENT MAJOR (PJM)**

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, Semester 1</td>
<td>CNP520</td>
<td>Project Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CNP521</td>
<td>Project Cost &amp; Risk Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CNP532</td>
<td>Strategic Technology Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CNP533</td>
<td>Project Management Law</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>1, Semester 2</td>
<td>CNP534</td>
<td>International Project Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CNP551</td>
<td>Project Human Resource Management</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Two electives from Elective List A

**Year 2, Semester 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNN441</td>
<td>Dissertation</td>
<td>48</td>
<td></td>
</tr>
</tbody>
</table>

(includes Research Methodology lectures and incorporates Advanced Information Retrieval Skills)

**Part-Time Course Structure**

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, Semester 1</td>
<td>CNP520</td>
<td>Project Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CNP521</td>
<td>Project Cost &amp; Risk Management</td>
<td>12</td>
<td>3</td>
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<tr>
<td>1, Semester 2</td>
<td>CNP534</td>
<td>International Project Management</td>
<td>12</td>
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<tr>
<td></td>
<td>CNP551</td>
<td>Project Human Resource Management</td>
<td>12</td>
<td>3</td>
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</table>

**Year 2, Semester 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNP532</td>
<td>Strategic Technology Management</td>
<td>12</td>
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<tr>
<td>CNP533</td>
<td>Project Management Law</td>
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**Year 2, Semester 2**

<table>
<thead>
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<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>Two electives from Elective List A</td>
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<td></td>
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**Year 3, Semester 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
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</thead>
<tbody>
<tr>
<td>CNN442/1</td>
<td>Dissertation</td>
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</table>

(includes Research Methodology lectures and incorporates Advanced Information Retrieval Skills)

**Year 3, Semester 2**

<table>
<thead>
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<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
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<tr>
<td>CNN442/2</td>
<td>Dissertation</td>
<td>48</td>
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</table>

**Elective List A**

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNP546</td>
<td>Strategic Asset Management &amp; Maintenance</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CNP547</td>
<td>Property Valuation &amp; Investment</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CNP552</td>
<td>Current Issues</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CNP553</td>
<td>Information Technology for Project Managers</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

**Note:** CNP546 is available as an elective but is scheduled in Semester One only.

**PROPERTY DEVELOPMENT MAJOR (PRD)**

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, Semester 1</td>
<td>CNP520</td>
<td>Project Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CNP521</td>
<td>Project Cost &amp; Risk Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CNP533</td>
<td>Project Management Law</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>1, Semester 2</td>
<td>CNP545</td>
<td>Project Development</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

**Year 1, Semester 2**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNP547</td>
<td>Property Valuation &amp; Investment</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CNP554</td>
<td>Advanced Lands Development</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Two electives from Elective List B
### Part-Time Course Structure

**Year 1, Semester 1**
- **CNP520** Project Management 12 3
- **CNP521** Project Cost & Risk Management 12 3

**Year 1, Semester 2**
- **CNP547** Property Valuation & Investment 12 3
- **CNP554** Advanced Land Development 12 3

**Year 2, Semester 1**
- **CNP533** Project Management Law 12 3
- **CNP545** Project Development 12 3

**Year 2, Semester 2**
- Two electives from Elective List B

**Year 3, Semester 1**
- **CNN442/1** Dissertation 48

**Elective List B**
- **CNP546** Strategic Asset Management & Maintenance 12 3
- **CNP551** Project Human Resource Management 12 3
- **CNP552** Current Issues 12 3
- **CNP553** Information Technology for Project Managers 12 3

**Note:** CNP546 is available as an elective but is scheduled in Semester One only.

Variations to the recommended study program require prior approval from the Course Coordinator. Up to 12 credit points of electives from other discipline areas may be included with the Course Coordinator’s permission.

School electives are offered subject to an appropriate enrolment in each semester.

### Master of Project Management (CN78) – Singapore

**Location:** Sumbershire Education Group, Singapore

**Aim**
The course aims to provide professionals with a high level of conceptual understanding of the field of project management. The masters program has two distinct majors: Project Management and Property Development. The course covers areas of theory and applied management, legal studies and economics. The course delivery encourages student interaction and follows a problem solving approach.

**Course Outline**
The course has coursework and research components. The coursework consists of five core and three elective units. Each unit comprises structured lectures, discussions, case study workshops and presentations. All masters candidates must undertake a research dissertation in an approved subject area.

For further information, please contact Associate Professor Danny Then on (07) 3864 1733.

### Master of Urban and Regional Planning (PS70)

**Location:** Gardens Point campus

**Course Duration:** Four semesters full-time or eight semesters part-time

**Total Credit Points:** 192

**Standard Credit Points/Full-Time Semester:** 48
Course Coordinator: Dr Danny O’Hare

Entry Requirements
To be eligible for direct entry into the course an applicant must have either:

(i) a recognised tertiary degree requiring at least three years’ full-time study (or its equivalent), or
(ii) other documented qualifications and experience considered to be equivalent by the Head of School.

Applicants may be required to attend an interview, or sit an examination, where appropriate as part of the selection process.

A graduate of the modified Graduate Diploma in Urban and Regional Planning (offered from 1996) may apply to enrol in the Master of Urban and Regional Planning and if accepted will be given credit for Modules A, B and C.

Graduates who completed the Graduate Diploma in Urban and Regional Planning before 1996 will be allowed credit for the new Graduate Diploma in Urban and Regional Planning to enter the Masters program, depending on their grade point average, work experience and length of time which has elapsed since graduation. Such graduates may be required to complete units in the new Graduate Diploma in Urban and Regional Planning. Each case will be treated on its individual merits and will be decided by the Head of School in consultation with the graduate concerned and staff.

Full-Time Course Structure
The program is being offered with entry at the start of the year, and for BBtEnv(URP) graduates, also through second semester entry. Students must complete four modules to complete the Masters Degree. Each module is worth 48 credit points, equivalent to one semester full-time or two semesters part-time. Modules may be offered in either first or second semester.

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
</table>

**Module A**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
</table>

**Module B**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
</table>

**Module C**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
</table>

**Module D**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
</table>

Part-Time Course Structure
Part-time students choose two of the four units offered each semester. The following is the recommended selection.

**Module A1**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
</table>

**Module B1**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
</table>
Module A2
PSP501 Environmental Planning & Assessment 12 3
PSP503 Economic & Social Foundations of Planning 12 3

Module B2
PSP505 Planning in Society 12 3
PSP506 Planning Theory & Ethics 12 3

Module C1
PSP509 Regional & Metropolitan Policy 12 3
PSP512 Planning Practice 2 12 3

Module D1
PSN214 Elective 12 3
PSN223 Special Topics in Planning Method 12 3

Module C2
PSP211 Research Project 1 & Advanced Research Methods 12 3
PSP510 Specialisation 12 3

Module D2
PSN212 Research Project 2 12 3
PSN221 Advanced Specialisation 12 3

Notes
PSP510 Specialisation and PSN221 Advanced Specialisation offer specialisations in local and regional development, urban housing and community development, urban design and environmental and resource planning. Other special topics may be offered depending on staff availability.

PSN214 Elective allows students to choose an elective unit worth 12 credit points from elsewhere in QUT or at another tertiary institution, subject to approval of the Course Coordinator.

Graduate Diploma in Computer Engineering (EE65)

Location: Gardens Point campus
Course Duration: 1 year full-time, 2 years part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Mr John Edwards

Entry Requirements
Applicants must hold a Bachelors degree in Engineering or Computer Science. Applicants possessing a degree in other areas of technology such as Mathematics, Physics or Chemistry may be required to undertake prerequisite undergraduate units.

Course Structure

Year 1, Semester 1
EEP101 Algorithms for Control Engineering 12 3
EEP102 Unix & C for Engineers 12 3
EEP124 Data Communications 12 3
EEP129 Image Processing & Computer Vision 12 3

Year 1, Semester 2
EEP103 Computer Hardware & Interfacing 12 3
EEP104 Real-time Operating Systems 12 3
EEP120 Networks & Distributed Computing 12 3
EEP123 Process Control & Robotics 12 3

Part-Time Course Structure

Year 1, Semester 1
EEP101 Algorithms for Control Engineering 12 3
EEP102 Unix & C for Engineers 12 3

Year 1, Semester 2
EEP103 Computer Hardware & Interfacing 12 3
EEP104 Real-time Operating Systems 12 3
**Year 2, Semester 1**
- EEP124 Data Communications 12 3
- EEP129 Image Processing & Computer Vision 12 3

**Year 2, Semester 2**
- EEP120 Networks & Distributed Computing 12 3
- EEP123 Process Control & Robotics 12 3

---

**Graduate Diploma in Electricity Supply Engineering (EE60)**

**Location:** Gardens Point campus

**Course Duration:** 1 year full-time, 2 years part-time

**Total Credit Points:** 96

**Standard Credit Points/Full-Time Semester:** 48

**Tuition Fees (Domestic Students):** $150 per credit point for day/evening classes (fees for short-courses and resource-based learning units available on application to School of Electrical and Electronic Systems Engineering)

**Course Coordinator:** Dr David Birtwhistle

**Entry requirements**
A Bachelor degree in Electrical Engineering with a study of power subjects to third-year level. Also provision for entry by Associate Diploma/Advanced Diploma holders with industry experience (contact Course Coordinator).

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td>12 Units (selected from List 1)</td>
<td>48</td>
<td>12</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td>12 Units (selected from List 1)</td>
<td>48</td>
<td>12</td>
</tr>
</tbody>
</table>

**Part-time Course Structure**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td>6 Units (selected from List 1)</td>
<td>24</td>
<td>6</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td>6 Units (selected from List 1)</td>
<td>24</td>
<td>6</td>
</tr>
<tr>
<td><strong>Year 2, Semester 1</strong></td>
<td>6 Units (selected from List 1)</td>
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<tr>
<td><strong>Year 2, Semester 2</strong></td>
<td>6 Units (selected from List 1)</td>
<td>24</td>
<td>6</td>
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**List 1: Units**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Units</th>
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<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
</tr>
<tr>
<td>EEP201</td>
<td>Fundamentals of Power System Earthing</td>
</tr>
<tr>
<td>EEP202</td>
<td>Thermal Ratings &amp; Heat Transfer</td>
</tr>
<tr>
<td>EEP203</td>
<td>Testing &amp; Condition Monitoring</td>
</tr>
<tr>
<td>EEP204</td>
<td>Power System Load Flow Analysis</td>
</tr>
<tr>
<td>EEP205</td>
<td>Power System Fault Calculations</td>
</tr>
<tr>
<td>EEP206</td>
<td>Project Management</td>
</tr>
<tr>
<td>EEP208</td>
<td>Economic Analysis for Power Systems Engineers</td>
</tr>
<tr>
<td>EEP209</td>
<td>Power System Harmonics</td>
</tr>
<tr>
<td>EEP210</td>
<td>Abnormal System Voltages</td>
</tr>
<tr>
<td>EEP211</td>
<td>Basic Power System Protection</td>
</tr>
<tr>
<td>EEP213</td>
<td>Statistics</td>
</tr>
<tr>
<td>EEP218</td>
<td>Introduction to Automated System Control &amp; Supervisory Systems</td>
</tr>
<tr>
<td>EEP219</td>
<td>High Voltage Substation Equipment, Power Transformers &amp; Reactive Power Plant</td>
</tr>
<tr>
<td>EEP240</td>
<td>Organisation and Financial Management in the Electricity Supply Industry</td>
</tr>
<tr>
<td>EEP243</td>
<td>Contract Administration</td>
</tr>
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</table>
Semester 2

EEP207 Overhead Line Route Selection - Environmental Factors 1-5 4 3
EEP212 Advanced Power System Protection 1-5 4 3
EEP214 Risk Assessment in the Electricity Supply Industry 6-10 4 3
EEP215 Reliability 1-5 4 3
EEP216 Overhead Line Design - Electrical 6-10 4 3
EEP217 Overhead Line Design - Mechanical 11-15 4 3
EEP220 Distribution Planning 11-15 4 3
EEP221 Limits to Power System Stability 1-5 4 3
EEP222 Maintenance of Electricity Supply Systems 11-15 4 3
EEP223 Load Forecasting 6-10 4 3
EEP224 Power System Operation 11-15 4 3
EEP241 Distance Protection 6-10 4 3
EEP242 Efficient Marketing and Utilisation of Electricity: Demand and Supply Side Solutions 11-15 4 3
EEP244 Circuit Breakers - Switchgear 1-5 4 3
EEP245 Introduction to Substation Design 6-10 4 3

Units available as Resource-based Learning (i.e. Distance Education) with flexible enrolment:

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credit Points</th>
<th>Hours of Study</th>
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<tbody>
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<td>EEP202</td>
<td>Thermal Ratings &amp; Heat Transfer</td>
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<td>EEP204</td>
<td>Power System Load Flow Analysis</td>
<td>4</td>
<td>45</td>
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<tr>
<td>EEP208</td>
<td>Economic Analysis for Power System Engineers</td>
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<td>EEP209</td>
<td>Power System Harmonics</td>
<td>4</td>
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<tr>
<td>EEP210</td>
<td>Abnormal System Voltages</td>
<td>4</td>
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<tr>
<td>EEP211</td>
<td>Basic Power System Protection</td>
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<td>45</td>
</tr>
<tr>
<td>EEP212</td>
<td>Advanced Power System Protection</td>
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<td>45</td>
</tr>
<tr>
<td>EEP213</td>
<td>Statistics</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP214</td>
<td>Risk Management in the Electricity Supply Industry</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP215</td>
<td>Reliability</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP220</td>
<td>Distribution Planning</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP240</td>
<td>Organisation &amp; Financial Management in the Electricity Supply Industry</td>
<td>4</td>
<td>45</td>
</tr>
</tbody>
</table>

Units in this course have been accepted by industry as approved training modules.

Credit points may be accumulated towards this award from day/evening classes (3 hours per week x 5 weeks), flexible enrolment in Resource-based Learning (i.e. Distance Education) units or from studies taken as short-courses conducted in June/July and November/December on-campus in Brisbane as well as at interstate locations. Further information on units available as Resource-based Learning or short-courses can be obtained by contacting Mr Lyle McKinnon, School of Electrical and Electronic Systems Engineering, on (07) 3864 1632, or l.mckinnon@qut.edu.au.

Graduate Diploma in Industrial Design (AR61)

Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Associate Professor Vesna Popovic

Entry Requirements

To be eligible for admission, an applicant must:

(i) hold an approved degree or diploma from a recognised tertiary institution; or
(ii) have attained professional recognition by an equivalent course of study or examination.

Professional Recognition

The Graduate Diploma in Industrial Design has been accredited by the Design Institute of Australia (DIA). Graduates are eligible for Associate membership on graduation.
## Graduate Diploma in Interior Design (AR62)

**Location:** Gardens Point campus

**Course Duration:** 1 year full-time, 2 years part-time

**Total Credit Points:** 96

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Dr Jill Franz

### Entry Requirements

To be eligible for admission, an applicant must:

(i) hold an approved degree or diploma from a recognised tertiary institution, or

(ii) have attained professional recognition by an equivalent course of study or examination.

### Professional Recognition

The Graduate Diploma in Interior Design is recognised by the Design Institute of Australia.

### Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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</thead>
<tbody>
<tr>
<td>ADP107 Interior Design 7</td>
<td>12</td>
<td>3</td>
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<tr>
<td>ADP114 Professional Studies 1</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>ADP161 Interior Research 1</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>ADP155 Interior as a Construct 1</td>
<td>12</td>
<td>4</td>
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<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>ADP108 Interior Design 8</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ADP156 Interior as a Construct 2</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>ADP162 Interior Research 2</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>ADP932 Professional Studies 2</td>
<td>12</td>
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</table>

### Part-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADP114 Professional Studies 1</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>ADP155 Interior as Construct 1</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>

*Elective units must be approved by the Course Coordinator.*
Graduate Diploma in Landscape Architecture (PS66)

Location: Gardens Point campus

Course Duration: 2 years full-time, 4 years part-time

Total Credit Points: 192

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Mr Glenn Thomas

Entry Requirements

To be eligible for normal admission, an applicant must:

(i) hold a degree or diploma from a recognised tertiary institution, or
(ii) have attained professional recognition by a course of study or examination.

Special entry provisions also apply. Prior to beginning studies in the course (but not necessarily prior to application for admission) applicants are required to have appropriate skills and knowledge in basic design/perception, free-hand graphics, and technical drawing.

Graduates of the Bachelor of Built Environment (Landscape Architecture) considered eligible for direct entry under the above criteria will be granted block credit for the first 96 credit points of the course on admission. Students from other backgrounds may be granted credit as appropriate to their education and experience.

Professional Recognition

The Graduate Diploma in Landscape Architecture is accredited by the Australian Institute of Landscape Architects.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP020 Landscape Studies 1</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP021 Landscape Studies 2</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP212 User &amp; Character Design Studies</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP251 Landscape Construction 1</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP022 Landscape Studies 3</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP023 Landscape Studies 4</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP213 Site Planning</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP252 Landscape Construction 2</td>
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</table>

<table>
<thead>
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<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP024 Advanced Landscape Studies 1</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP025 Advanced Landscape Studies 2</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP214 Residential Landscape Design</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP215 Urban Landscape Design</td>
<td>12</td>
<td>4</td>
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</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP026 Advanced Landscape Studies 3</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PSP027 Advanced Landscape Studies 4</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSP216 Landscape Planning</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSP219 Advanced Landscape Design</td>
<td>12</td>
<td>4</td>
</tr>
</tbody>
</table>
### Part-Time Course Structure

#### Year 1, Semester 1
- PSP020  Landscape Studies 1  12  5
- PSP251  Landscape Construction 1  12  4

#### Year 1, Semester 2
- PSP022  Landscape Studies 3  12  4
- PSP252  Landscape Construction 2  12  3

#### Year 2, Semester 1
- PSP021  Landscape Studies 2  12  5
- PSP212  User & Character Design Studies  12  5

#### Year 2, Semester 2
- PSP023  Landscape Studies 4  12  5
- PSP213  Site Planning  12  4

#### Year 3, Semester 1
- PSP024  Advanced Landscape Studies 1  12  4
- PSP214  Residential Landscape Design  12  4

#### Year 3, Semester 2
- PSP026  Advanced Landscape Studies 3  12  5
- PSP216  Landscape Planning  12  4

#### Year 4, Semester 1
- PSP025  Advanced Landscape Studies 2  12  4
- PSP215  Urban Landscape Design  12  4

#### Year 4, Semester 2
- PSP027  Advanced Landscape Studies 4  12  3
- PSP219  Advanced Landscape Design  12  4

---

### Graduate Diploma in Municipal Engineering (CE63)

**Location:** Gardens Point campus  
**Course Duration:** 2 years part-time  
**Total Credit Points:** 96  
**Standard Credit Points/Part-Time Semester:** 24  
**Course Coordinator:** Associate Professor Frank Bullen

**Entry Requirements**
To be eligible for admission an applicant must hold an acceptable degree or diploma in engineering from a recognised institution.

Applicants who do not meet the requirements for normal entry but who hold a degree or diploma in a scientific or technological field or other equivalent qualifications or hold professional engineering recognition may be required to complete such prerequisite engineering units as may be determined by the Head of the School of Civil Engineering prior to enrolment in the course.

**Course Structure**
The course has two majors. It consists of 48 credit points (12 semester hours) of core material common to all majors and a minimum of 48 credit points (12 semester hours) of material prescribed for majors. The majority of the units are common with the Master of Engineering Science (Civil) (CE74).

Students may transfer from the Graduate Diploma in Municipal Engineering to the Master of Engineering Science (Civil). For further details on the transfer arrangement refer to the Master of Engineering (Civil) entry in this Handbook.

Students who do not wish to undertake a major must complete the core units plus any combination of units from the majors totalling at least 48 credit points.
### Course Structure - ALL MAJORS

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Semester of Offer</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEP128 Municipal Engineering Planning</td>
<td>1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CEP131 Engineering Management &amp; Administration</td>
<td>1</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Semester of Offer</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEP201 Process Modelling</td>
<td>2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CEP362 Drainage Engineering</td>
<td>2</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Semester of Offer</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units chosen from major</td>
<td>24</td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Semester of Offer</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units chosen from major</td>
<td>24</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Environmental Engineering Major (EVN)**

Choose units from:

<table>
<thead>
<tr>
<th>Units</th>
<th>Semester of Offer</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEP173 Water Quality Engineering</td>
<td>1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CEP174 Public Health Engineering Practice</td>
<td>1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CEP277 Waste Management</td>
<td>2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CEP278 Advanced Treatment Processes</td>
<td>2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CEP291 Environmental Law &amp; Assessment</td>
<td>2</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

**Transportation Engineering Major (TRN)**

<table>
<thead>
<tr>
<th>Units</th>
<th>Semester of Offer</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEP127 Road &amp; Traffic Engineering</td>
<td>1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CEP216 Advanced Traffic Engineering</td>
<td>2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CEP218 Transportation Engineering</td>
<td>1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CEP311 Urban Transportation Planning</td>
<td>2</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Unit**

<table>
<thead>
<tr>
<th>Units</th>
<th>Semester of Offer</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEP491 Municipal Engineering Practice</td>
<td>1/2</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

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### Graduate Diploma in Project Management (CN64)

A similar course is offered in Singapore (CN65).

**Location:** Gardens Point campus

**Course Duration:** 1 year full-time, 2 years part-time

**Total Credit Points:** 96

**Standard Credit Points/Full-Time Semester:** 48

**Tuition Fees (Domestic Students):** $85 per credit point

**Course Coordinator:** Associate Professor Keith Hampson

**Entry Requirements**

(i) A relevant bachelor degree from an approved tertiary institution; OR
(ii) A relevant Graduate Certificate or qualifying program with a grade point averagr of 5.0 or better, OR
(iii) Qualifications deemed equivalent to (i) or (ii) by the Dean of the Faculty on the recommendation of the Course Coordinator; AND
(iv) At least three years of appropriate industry experience after graduation.

The Graduate Diploma in Project Management has majors in Project Management and Property Development.

#### PROJECT MANAGEMENT MAJOR

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CNP520 Project Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CNP521 Project Cost &amp; Risk Management</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

---

3 Indicates units are offered in even years.

4 Indicates units are offered in odd years.

8 CHP691 Environmental Chemistry may be taken as a unit within the Environmental Engineering Major.
CNP532  Strategic Technology Management  12  Block format
CNP533  Project Management Law  12  3

**Year 1, Semester 2**
CNP534  International Project Management  12  3
CNP551  Project Human Resource Management  12  3
Two electives selected from Elective List A

Part-Time Course Structure

**Year 1, Semester 1**
CNP520  Project Management  12  3
CNP521  Project Cost & Risk Management  12  3

**Year 1, Semester 2**
CNP534  International Project Management  12  3
CNP551  Project Human Resource Management  12  3

**Year 2, Semester 1**
CNP532  Strategic Technology Management  12  Block format
CNP533  Project Management Law  12  3

**Year 2, Semester 2**
Two electives selected from Elective List A

Elective List A
CNP546  Strategic Asset Management & Maintenance  12  3
CNP547  Property Valuation & Investment  12  3
CNP552  Current Issues  12  3
CNP553  Information Technology for Project Managers  12  3

**Note:** CNP546 is available as an elective but is scheduled in Semester One only.

PROPERTY DEVELOPMENT MAJOR

Full-Time Course Structure

**Year 1, Semester 1**
CNP520  Project Management  12  3
CNP521  Project Cost & Risk Management  12  3
CNP533  Project Management Law  12  3
CNP545  Project Development  12  3

**Year 1, Semester 2**
CNP547  Property Valuation & Investment  12  3
CNP554  Advanced Land Development  12  3
Two electives selected from Elective List B

Part-Time Course Structure

**Year 1, Semester 1**
CNP520  Project Management  12  3
CNP521  Project Cost & Risk Management  12  3

**Year 1, Semester 2**
CNP547  Property Valuation & Investment  12  3
CNP554  Advanced Land Development  12  3

**Year 2, Semester 1**
CNP533  Project Management Law  12  3
CNP545  Project Development  12  3

**Year 2, Semester 2**
Two electives selected from Elective List B

Elective List B
CNP546  Strategic Asset Management & Maintenance  12  3
CNP551  Project Human Resource Management  12  3
CNP552  Current Issues  12  3
CNP553  Information Technology for Project Managers  12  3

**Note:** CNP546 is available as an elective but is scheduled in Semester One only.
Variations to the recommended study program require prior approval from the Course Coordinator. Up to 12 credit points of electives from other discipline areas may be included with the Course Coordinator’s permission.

School electives are offered subject to an appropriate enrolment in each semester.

### Graduate Diploma in Project Management (CN65) – Singapore

**Location:** Sumbershire Education Group, Singapore

**Aim**
The course aims to provide professionals with a sound understanding of the overall management processes in the field of project management. The graduate diploma has two distinct majors: Project Management and Property Development. The course covers areas of theory and applied management, legal studies and economics. The course delivery encourages student interaction and follows a problem solving approach.

**Course Outline**
The course units are offered in a part-time concentrated mode over two years. The coursework consists of five core and three elective units. Each unit comprises structured lectures, discussions, case study workshops and presentations. Students completing this course will have the opportunity to articulate into the Master of Project Management (CN78), with only the research dissertation on an approved topic required to fulfil the Master’s requirements.

For further information on the course, please contact Associate Professor Danny Then on (07) 3864 1733.

### Graduate Diploma in Surveying Practice (PS68)

**Location:** Gardens Point campus

**Course Duration:** 1 year full-time (16 weeks), or part-time equivalent. Alternative study modes available – see Course Coordinator.

**Total Credit Points:** 96

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Associate Professor Brian Hannigan

**Professional Recognition:**
Successful completion of the course leads to registration and licensing by the Surveyors Board of Queensland.

**Entry Requirements**
To be eligible for admission an applicant must hold the following:

(i) a Bachelor of Surveying degree from the Queensland University of Technology, or

(ii) a Bachelor of Surveying degree from the University of Queensland, or

(iii) from another tertiary institution a degree acceptable to the Surveyors Board of Queensland and considered by the Head of the School of Planning, Landscape Architecture, and Surveying to be at least equivalent to QUT’s Bachelor of Surveying degree.

Applicants who do not meet the requirements for normal entry but who hold a tertiary qualification in a technological field or other equivalent qualifications may be required to complete such prerequisite surveying and other units as may be determined by the Head of School prior to enrolment in the course.

Applicants for admission must have at least one year of practical experience in the practice of surveying following graduation, or its equivalent.

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Total Contact Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSP311 Professional Practice Management</td>
<td>12</td>
<td>42</td>
</tr>
<tr>
<td>PSP314 Boundary Definition Surveys I</td>
<td>12</td>
<td>42</td>
</tr>
<tr>
<td>PSP316 Survey Computing &amp; Processing</td>
<td>12</td>
<td>42</td>
</tr>
<tr>
<td>PSP317 Property Development Surveys</td>
<td>12</td>
<td>42</td>
</tr>
</tbody>
</table>
**Semester 2**

PSP323 Project Site Surveys 12 42  
PSP326 GIS & GPS 12 42  
PSP327 Engineering Surveying 12 42  
PSP328 Boundary Definition Surveys 2 12 42

**Part-Time Course Structure**

**Year 1, Semester 1**

PSP314 Boundary Definition Surveys 1 12 42  
PSP316 Survey Computing & Processing 12 42

**Year 1, Semester 2**

PSP323 Project Site Surveys 1 12 42  
PSP326 GIS & GPS 12 42

**Year 2, Semester 1**

PSP311 Professional Practice Management 1 12 42  
PSP317 Property Development Surveys 12 42

**Year 2, Semester 2**

PSP327 Engineering Surveying 12 42  
PSP328 Boundary Definition Surveys 2 12 42

---

**Graduate Diploma in Urban and Regional Planning (PS72)**

**Location:** Gardens Point campus  
**Course Duration:** 3 semesters full-time or 6 semesters part-time  
**Total Credit Points:** 144  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Dr Danny O’Hare

**Entry Requirements**

To be eligible for admission an applicant must:

(a) hold a degree or diploma from a recognised tertiary institution, or

(b) have attained professional recognition by an equivalent course of study or examination. Applicants may be required to attend an interview, or sit an examination, where appropriate, as part of the selection process.

**Note:** Graduates from QUT’s Bachelor of Built Environment (Urban and Regional Planning) shall be credited with the first semester of full-time study or first two semesters of part-time study (Module A). Students from other backgrounds will be granted credit as appropriate to their education and experience. Students who have completed units in the Graduate Diploma in Urban and Regional Planning before 1996 will be allowed credit for units in the new Graduate Diploma in Urban and Regional Planning, depending on their grade point average, the length of time which has elapsed since completion, and recent experience. Each case will be treated on its individual merits and will be decided by the Head of School in consultation with the student concerned and staff.

**Full-Time Course Structure**

The program is offered with entry in first semester and for BBltEnv(URP) graduates in second semester. Students must complete three modules to complete the Graduate Diploma. Each module is worth 48 credit points, equivalent to one semester full-time or two semesters part-time. Modules may be offered in either first or second semester.

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module A</td>
<td></td>
</tr>
<tr>
<td>PSP501</td>
<td>Environmetal Planning &amp; Assessment 12 3</td>
</tr>
<tr>
<td>PSP502</td>
<td>Economic &amp; Social Foundations of Planning 12 3</td>
</tr>
<tr>
<td>PSP503</td>
<td>Planning &amp; Research Methods 12 3</td>
</tr>
<tr>
<td>PSP504</td>
<td>Urban Systems &amp; Infrastructure 12 3</td>
</tr>
</tbody>
</table>
### Module B
- PSP505 Planning in Society: 12 credits, 3 units
- PSP506 Planning Theory & Ethics: 12 credits, 3 units
- PSP507 Planning Procedures & Law: 12 credits, 3 units
- PSP508 Planning Practice 1: 12 credits, 3 units
- PSP513 Field Trip: 0 credits, 1 week

### Module C
- PSP211 Research Project I & Advanced Research Methods: 12 credits, 3 units
- PSP509 Regional & Metropolitan Policy: 12 credits, 3 units
- PSP510 Specialisation: 12 credits, 3 units
- PSP512 Planning Practice 2: 12 credits, 3 units

### Part-Time Course Structure
Part-time students choose two of the four units offered each semester. The following is the recommended selection:

#### Module A1
- PSP503 Planning & Research Methods: 12 credits, 3 units
- PSP504 Urban Systems & Infrastructure: 12 credits, 3 units

#### Module B1
- PSP507 Planning Procedures & Law: 12 credits, 3 units
- PSP508 Planning Practice 1: 12 credits, 3 units
- PSP513 Field Trip: 0 credits, 1 week

#### Module A2
- PSP501 Environmental Planning & Assessment: 12 credits, 3 units
- PSP502 Economic & Social Foundations of Planning: 12 credits, 3 units

#### Module B2
- PSP505 Planning in Society: 12 credits, 3 units
- PSP506 Planning Theory & Ethics: 12 credits, 3 units

#### Module C1
- PSP509 Regional & Metropolitan Policy: 12 credits, 3 units
- PSP512 Planning Practice 2: 12 credits, 3 units

#### Module C2
- PSP211 Research Project I & Advanced Research Methods: 12 credits, 3 units
- PSP510 Specialisation: 12 credits, 3 units

**Note:** PSP510 Specialisation offers specialisations in local and regional development, urban housing and community development, urban design and environmental and resource planning. Other special topics may be offered depending on staff availability.

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**Graduate Diploma in Urban Design (PS69)**

**Location:** Gardens Point campus

**Course Duration:** 1 year full-time, 2 years part-time

**Total Credit Points:** 96

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Dr Danny O’Hare

**Entry Requirements**
To be eligible for admission an applicant must hold a Bachelor degree with a grade point average of 5.0 or better and demonstrated potential in a relevant professional activity, or a relevant graduate diploma with a grade point average of 5.0 or better, or a qualifying program with a grade point average of 5.0 or better.

Applicants are considered initially for acceptance in the Graduate Diploma in Urban Design. At the completion of one semester for full-time students and two semesters for those studying part-time, students will be considered for enrolment in the Master of Built Environment (Urban Design). A grade point average of 5.0 or better in the course is normally required for progression to the Masters level.
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.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit PoJ Δts</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARB081 History, Theory &amp; Criticism of Urban Design</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ARB082 Urban Design Studio B</td>
<td>24</td>
<td>6</td>
</tr>
<tr>
<td>PSP451 Production &amp; Use of the Built Environment</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 2</th>
<th>Credit PoJ Δts</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSN214 Elective OR PSN211 Research Project 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PSP452 Urban Design Studio A</td>
<td>24</td>
<td>6</td>
</tr>
<tr>
<td>PSP453 Urban Systems and the Physical Environment</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Part-Time Course Structure

**Year 1 Semester 1**
- ARB081 History, Theory & Criticism of Urban Design
- PSP451 Production & Use of the Built Environment

**Year 1 Semester 2**
- PSP452 Urban Design Studio A
- PSP453 Urban Systems & the Physical Environment

**Year 2 Semester 1**
- ARB082 Urban Design Studio B
- PSN214 Elective OR PSN211 Research Project 1

Graduate Certificate in Building Fire Safety (AR65)

**Location:** Gardens Point Campus

**Course Duration:** 2 semesters part-time

**Total Credit Points:** 48

**Standard Credit Points/Part-Time Semester:** 24

**Tuition Fees (Domestic Students):** $65 per credit point

**Course Coordinator:** Professor Bill Lim

**Note:** This course will be delivered by part-time study of four to five periods of weekend sessions per semester. Students will be notified of when the periods will be conducted.

Professional Recognition

Support has been received from 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**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARB801 Fire Technology &amp; Science</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>ARB803 Fire &amp; Building Legislation</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARB802 Human Behaviour &amp; Fire</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>ARB804 Fire Safety System Design</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** ARB801 and ARB803 are prerequisites to ARB804. ARB802 is a co-requisite with ARB804.

Graduate Certificate in Civil Engineering (Road Engineering, Transport Engineering, Engineering Administration) (CE62)*

* This course is subject to final approval.

**Location:** Gardens Point campus
**Course Duration:** The course is normally taken over 2 semesters on a part-time basis. (The course must be completed in a maximum of four semesters.)

**Total Credit Points:** 48

**Tuition Fees (Domestic Students):** $80 per credit point

**Course Coordinator:** Associate Professor Frank Bullen

**Articulation**

Students who achieve a GPA level of 5 or above in the Graduate Certificate will be able to apply for entry to the Master of Engineering Science (Civil) on the condition that they possess an undergraduate degree in engineering.

**Note:** No credit may be obtained for work completed as part of an undergraduate program, or for undergraduate units.

<table>
<thead>
<tr>
<th>Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ROAD ENGINEERING MAJOR</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEP293 Pavement Design</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective Group 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEP175 Pavement Maintenance Rehabilitation &amp; Recycling</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective Group 2</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

| **ENGINEERING ADMINISTRATION MAJOR** | | |
| **Semester 1** | | |
| CEP291 Engineering Management & Project Construction | 12 | 3 |
| Elective Group 1 | 12 | 3 |
| **Semester 2** | | |
| CEP294 Engineering Contract Administration | 12 | 3 |
| Elective Group 2 | 12 | 3 |

| **TRANSPORT ENGINEERING MAJOR** | | |
| **Semester 1** | | |
| CEP218 Transportation Engineering | 12 | 3 |
| Elective Group 1 | 12 | 3 |
| **Semester 2** | | |
| CEP216 Advanced Traffic Engineering | 12 | 3 |
| Elective Group 2 | 12 | 3 |

**ELECTIVES**

**Group one**

| | | |
| CEP176 Engineering Practice 1 | 12 | 3 |
| CEP293 Pavement Design | 12 | 3 |
| CEP295 Engineering Management & Project Construction | 12 | 3 |
| CEP291 Environmental Law & Assessment | 12 | 3 |
| CEP218 Transportation Engineering | 12 | 3 |

**Group Two**

| | | |
| CEP175 Pavement Maintenance Rehabilitation & Recycling | 12 | 3 |
| CEP292 Engineering Practice 2 | 12 | 3 |
| CEP294 Engineering Contract Administration | 12 | 3 |
| CEP201 Process Modelling | 12 | 3 |
| CEP216 Advanced Traffic Engineering | 12 | 3 |

One postgraduate unit from inside/outside of the School can be undertaken as an elective with prior approval of the Course Coordinator.
Graduate Certificate in Electricity Supply Engineering (EE82)

Location: Gardens Point campus
Course Duration: 1 semester full-time, 2 semesters part-time
Total Credit Points: 48
Standard Credit Points/Full-Time Semester: 48
Tuition Fees (Domestic Students): $150 per credit point for day/evening classes (fees for short-courses and resource-based learning units available on application to School of Electrical and Electronic Systems Engineering)

Course Coordinator: Dr David Birtwhistle

Entry Requirements
A Bachelor degree in Electrical Engineering with a study of power subjects to third year level. Also provision for entry by Associate Diploma/Advanced Diploma holders with industry experience (contact Course Coordinator).

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td>12 Units (selected from List 1)</td>
<td>48</td>
</tr>
</tbody>
</table>

Part-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Units (selected from List 1)</td>
<td>24</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Units (selected from List 1)</td>
<td>24</td>
<td>6</td>
</tr>
</tbody>
</table>

List 1: Units

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Weeks</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEP201</td>
<td>Fundamentals of Power System Earthing</td>
<td>1-5</td>
<td>4</td>
</tr>
<tr>
<td>EEP202</td>
<td>Thermal Ratings &amp; Heat Transfer</td>
<td>1-5</td>
<td>4</td>
</tr>
<tr>
<td>EEP203</td>
<td>Testing &amp; Condition Monitoring</td>
<td>6-10</td>
<td>4</td>
</tr>
<tr>
<td>EEP204</td>
<td>Power System Load Flow Analysis</td>
<td>1-5</td>
<td>4</td>
</tr>
<tr>
<td>EEP205</td>
<td>Power System Fault Calculations</td>
<td>6-10</td>
<td>4</td>
</tr>
<tr>
<td>EEP206</td>
<td>Project Management</td>
<td>11-15</td>
<td>4</td>
</tr>
<tr>
<td>EEP208</td>
<td>Economic Analysis for Power Systems Engineers</td>
<td>6-10</td>
<td>4</td>
</tr>
<tr>
<td>EEP209</td>
<td>Power System Harmonics</td>
<td>11-15</td>
<td>4</td>
</tr>
<tr>
<td>EEP210</td>
<td>Abnormal System Voltages</td>
<td>6-10</td>
<td>4</td>
</tr>
<tr>
<td>EEP211</td>
<td>Basic Power System Protection</td>
<td>11-15</td>
<td>4</td>
</tr>
<tr>
<td>EEP213</td>
<td>Statistics</td>
<td>1-5</td>
<td>4</td>
</tr>
<tr>
<td>EEP218</td>
<td>Introduction to Automated System Control &amp; Supervisory Systems (SCADA)</td>
<td>6-10</td>
<td>4</td>
</tr>
<tr>
<td>EEP219</td>
<td>High Voltage Substation Equipment, Power Transformers &amp; Reactive Power Plant</td>
<td>11-15</td>
<td>4</td>
</tr>
<tr>
<td>EEP240</td>
<td>Organisation and Financial Management in the Electricity Supply Industry</td>
<td>1-5</td>
<td>4</td>
</tr>
<tr>
<td>EEP243</td>
<td>Contract Administration</td>
<td>11-15</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 2</th>
<th>Weeks</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEP207</td>
<td>Overhead Line Route Selection - Environmental Factors</td>
<td>1-5</td>
<td>4</td>
</tr>
<tr>
<td>EEP212</td>
<td>Basic Power System Protection</td>
<td>1-5</td>
<td>4</td>
</tr>
<tr>
<td>EEP214</td>
<td>Risk Assessment in the Electricity Supply Industry</td>
<td>6-10</td>
<td>4</td>
</tr>
<tr>
<td>EEP215</td>
<td>Reliability</td>
<td>1-5</td>
<td>4</td>
</tr>
<tr>
<td>EEP216</td>
<td>Overhead Line Design - Electrical</td>
<td>6-10</td>
<td>4</td>
</tr>
<tr>
<td>EEP217</td>
<td>Overhead Line Design - Mechanical</td>
<td>11-15</td>
<td>4</td>
</tr>
<tr>
<td>EEP220</td>
<td>Distribution Planning</td>
<td>11-15</td>
<td>4</td>
</tr>
<tr>
<td>EEP221</td>
<td>Limits to Power System Stability</td>
<td>1-5</td>
<td>4</td>
</tr>
<tr>
<td>EEP222</td>
<td>Maintenance of Electricity Supply Systems</td>
<td>11-15</td>
<td>4</td>
</tr>
<tr>
<td>EEP223</td>
<td>Load Forecasting</td>
<td>6-10</td>
<td>4</td>
</tr>
<tr>
<td>EEP224</td>
<td>Power System Operation</td>
<td>11-15</td>
<td>4</td>
</tr>
<tr>
<td>EEP241</td>
<td>Advanced Power System Protection</td>
<td>6-10</td>
<td>4</td>
</tr>
</tbody>
</table>
EEP242 Efficient Marketing and Utilisation of Electricity: Demand and Supply Side Solutions  11-15  4  3
EEP244 Circuit Breakers - Switchgear  1-5  4  3
EEP245 Introduction to Substation Design  6-10  4  3

Units available as Resource-based Learning (i.e. Distance Education) with flexible enrolment:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Hours of Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEP202</td>
<td>Thermal Ratings &amp; Heat Transfer</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP204</td>
<td>Power System Load Flow Analysis</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP208</td>
<td>Economic Analysis for Power System Engineers</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP209</td>
<td>Power System Harmonics</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP210</td>
<td>Abnormal System Voltages</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP211</td>
<td>Basic Power System Protection</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP212</td>
<td>Advanced Power System Protection</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP213</td>
<td>Statistics</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP214</td>
<td>Risk Management in the Electricity Supply Industry</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP215</td>
<td>Reliability</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP220</td>
<td>Distribution Planning</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>EEP240</td>
<td>Organisation &amp; Financial Management in the Electricity</td>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>Supply Industry</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Units in this course have been accepted by industry as approved training modules.

Credit points may be accumulated towards this award from day/evening classes (3 hours per week x 5 weeks), flexible enrolment in Resource-based Learning (i.e. Distance Education) units or from studies taken as short-courses conducted in June/July and November/December on-campus in Brisbane as well as interstate locations. Further information on units available as Resource-based Learning or short-courses can be obtained by contacting Mr Lyle McKinnon, School of Electrical and Electronic Systems Engineering, on (07) 3864 1632 or l.mckinnon@qut.edu.au.

Graduate Certificate in Engineering (Materials Technology) (ME70)

Location: Gardens Point campus
Course Duration:
Domestic Students: 1 semester full-time
Part of a special program for Indonesian Government and University of Indonesia Link Program Students: 1 year full-time made up of 1 semester course work and 1 semester research and development
Total Credit Points: 48
Tuition Fees (Domestic Students): $75 per credit point
Course Coordinator: Associate Professor John Bell
Entry Requirements
(i) a Bachelors degree in Engineering (or its equivalent) or
(ii) relevant training or experience considered by the Course Coordinator as appropriate for entry to the course.

Course Requirements
All students will take all four of the following units. In 1998 the units will be offered only in Semester 2. Additional optional units will be made available during 1998.

Units offered

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Hours of Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEP131</td>
<td>Engineering Ceramics: Processes &amp; Properties</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEP132</td>
<td>Polymeric Materials: Processes &amp; Properties</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEP133</td>
<td>Composite Materials</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEP134</td>
<td>Electrical and Magnetic Properties of Materials</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
Graduate Certificate in Engineering Management (ME75)

**Location:** Gardens Point campus

**Course Duration:** 1 semester full-time, 1 year part-time

**Total Credit Points:** 48

**Tuition Fees (Domestic Students):** $75 per credit point

**Course Coordinator:** Professor Nick Hastings

**Entry Requirements**

(i) a Bachelors degree in Engineering (or its equivalent) or

(ii) relevant training or experience considered by the Course Coordinator as appropriate for entry to the course.

**Course Requirements**

Students will take four of the following units. All units are offered in the Master of Engineering Science (Engineering Management) (ME76). The course may be taken full-time or part-time.

<table>
<thead>
<tr>
<th>Units offered</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEN171</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEN177</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEN241</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEN280</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEN170</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEN172</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEN175</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MEN270</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Graduate Certificate in Project Development (CN81)

A similar course is offered in Singapore (CN82).

**Location:** Gardens Point campus

**Course Duration:** 1 year part-time

**Total Credit Points:** 48

**Standard Credit Points/Part-Time Semester:** 24

**Tuition Fees (Domestic Students):** $85 per credit point

**Course Coordinator:** Associate Professor Keith Hampson

**Entry Requirements**

(i) A relevant bachelor degree from an approved tertiary institution, OR

(ii) Qualifications deemed equivalent to the above by the Dean of the Faculty on the recommendation of the Course Coordinator, OR

(iii) At least three years of appropriate industry experience after graduation.

**Course Structure**

The Graduate Certificate in Project Development does not have defined majors. However, students intending to enter the Graduate Diploma in Project Management or Master of Project Management after completion of the Graduate Certificate in Project Development are strongly advised to follow the first year part-time course structure for their major of interest.

Students must successfully complete four of the following units (totalling 48 credit points) to fulfil the course requirements.

<table>
<thead>
<tr>
<th>Units offered</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNP520</td>
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<tr>
<td>CNP521</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CNP532</td>
<td>12</td>
<td>Block format</td>
</tr>
</tbody>
</table>
Graduate Certificate in Project Development (CN82) – Singapore

Location: Sumbershire Education Group, Singapore

Aim
The course aims to broaden formal education and help professionals develop expertise within the growing fields of project development and project management. The course covers areas of theory and applied management, legal studies and economics. The course delivery encourages student interaction and follows a problem solving approach.

Course Outline
The course units are offered in a part-time concentrated mode over a 12 month period. Students select four elective units to complement their continuing professional education with an emphasis on management aspects. Each unit comprises structured lectures, discussions, case study workshops and presentations. Students completing this course may have the opportunity to articulate into the Graduate Diploma in Project Management (CN65).

For further information about this course, please contact Associate Professor Danny Then on (07) 3864 1733.

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 School (Mid-year Entry Courses)
The objective of running a Summer School for mid-year entry students is to provide an accelerated program which enables students to complete their courses in 3.5 years. Students resume a standard program during second year. The Summer School is necessary in order for mid-year entry students to complete their courses in minimum time. If studies are not undertaken during the Summer School period, completion in minimum time is not possible.

Supplementary Assessment
It is not normally Faculty policy to grant supplementary examinations. However, at the discretion of the Dean of the 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, and the four-year Bachelor of Applied Science courses in Construction Management and Quantity Surveying. 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 the policy on time limits for completion of courses, Student Rule 1.21 in the QUT Handbook. 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 calculation.

Units for which a student was awarded an exemption and units for which an ungraded pass or fail result is given are not included in the calculation.

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 graduands 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 (GPA) calculation.

Units for which a student was awarded an exemption and units for which an ungraded pass or fail result is given are not included in the calculation.

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 (grade point average) 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 the first year information booklets for details of the policies of individual schools.

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, not later than the fourth week of semester immediately following each period of industrial experience, submit to the Faculty Office a report in the required format describing the work carried out during the period of industrial experience and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from outside the Faculty Office, Level 10, S 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 during the first year of their course. This is in addition to the 60 days industrial experience requirement.

Industrial Experience information booklets can be obtained from the Credit and Employment 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 for the Bachelor of Architecture Course (AR48)
A candidate for the Bachelor of Architecture degree must be engaged in approved employment for at least
48 recognised weeks within the first three years (Practice Experience A), and for at least 72 recognised weeks within the second three years (Practice Experience B).

☐ **Approved Employment**

‘Approved employment’ is defined as working under the direction of an architect who is registered within the place of practice where the experience is obtained.

☐ **Eight 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 for four days per week, the 18 week semester (14 weeks in class and four weeks in examination), translates to 14.4 ‘recognised weeks’. This figure is rounded off to 14 weeks to take account of public holidays. Students in continuous concurrent employment would normally accumulate 40 recognised weeks in a calendar year. (A three-day working week constitutes three-fifths of a recognised week. A six day working week constitutes sixth-fifths of a recognised week.)

All reference to a ‘week’ hereinafter shall mean a ‘recognised week’.

☐ **Years 1 and 2 Commencement**

Candidates who are admitted into the course at the beginning of Years 1 and 2 must satisfy all of Practice Experience A & B requirements.

☐ **Year 3 Commencement**

Candidates who are admitted into the course at the beginning of Year 3 must complete 24 weeks in Practice Experience A and all Practice Experience B requirements.

☐ **After Year 3 Commencement**

Candidates who are admitted directly into the course after the end of the third year must satisfy Practice Experience B only.

☐ **Prerequisite**

Practice Experience A is normally a pre-requisite for Practice Experience B.

☐ **Allied Experience During the Course**

Candidates may accumulate up to 12 weeks maximum in Practice Experience A and up to 18 weeks maximum in Practice Experience B for experience gained prior or during the course in approved allied areas 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 Practice Experience A and a maximum of 36 weeks in Practice Experience B for satisfactory approved experience under the direction of an architect prior to enrolment in the course and these maximum periods can include:

- satisfactory approved experience gained prior to enrolment in the course in approved allied areas of architecture (provided the total period claimed for experience in approved allied areas does not exceed the maximum periods set for that experience in Practice Experience A & B).

☐ **Experience During Leave of Absence**

Candidates may accumulate up to 24 weeks in Practice Experience A and 36 weeks in 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 Semester**

Semester update reports on progress are required at the end of each semester and examination results may not be issued until they are submitted.

☐ **Report Form Employment A**

QUT School of Architecture, Interior & Industrial Design Practice Experience report forms must be completed and lodged for Practice Experience A.
Report Log for Employment B
The AACA log book of practical experience and university report forms must be completed and lodged to QUT for Practice Experience B.

Satisfactory Employment for Course Progression and Graduation
For administrative purposes, candidates must enrol in 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 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 Practice Experience A cannot be considered for further approval or credit in Practice Experience B.

Full-time Students in Final Two Years
For candidates proposing to study the final 192 credit points in the course in two years full-time:
(a) Candidates (including those who had previously been studying full time) must have achieved a minimum of 36 weeks accredited to Practice Experience B, before commencing Year 4.
(b) Candidates who had previously been studying part-time, and who have satisfied Practice Experience A, may apply in 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 Practice Experience A.

Types of Experience
Type of experience required:
(a) Practice Experience A – at least 50 per cent of time in undertaking design and/or documentation.
(b) Practice Experience B –
(i) 50 per cent of time in design stages and contract documentation (AACA item 4.3 and 4.5)
(ii) Preliminary site investigation and evaluation of at least one project (AACA item 4.2.4)
(iii) Project Management /Contract Administration of at least one project at ‘observer’ status where direct experience is unavailable (AACA items 4.7.19, 4.7.20, 4.7.21 and 4.7.22)

Bachelor of Applied Science (Construction Management) (CN51)
See course requirements and notes relating to undergraduate courses.
Location: Gardens Point campus
Course Duration: 4 years full-time, 5½ years flexible mode
Total Credit Points: 384
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Stephen Kajewski

Special Course Requirements
All students are required to gain 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.

In addition to specific unit requirements, where a final examination is such that it forms the major piece of assessment, students will be required to pass that examination to pass the unit (in addition to receiving an overall pass mark).

Students who have failed units, must undertake those failed units at the very next offering of the unit.

Students may not enrol in units more than 1 year in advance of their enrolled year and then only with the approval of the Course Coordinator. For example, 1st year students may be permitted to enrol in 2nd year units but will not be permitted to enrol in 3rd year or 4th year units.
Part-time study generally involves 9 to 12 hours contact per week and comprises a full day release from employment with the remaining time spread over one or two nights between 5:00 pm and 10:00 pm.

Units are offered only once each year. This means that full-time students are required to attend part of their program in the evening.

All students must become familiar with and comply with the School’s enrolment rules.

**Professional Recognition**

Completion of the Bachelor of Applied Science (Construction Management) together with the related experience requirements enables a graduate to be eligible for membership of the Australian Institute of Building.

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
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</table>

**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. Alternately, students may undertake an approved elective from other QUT courses.
Note C: Students may choose CNB424 Specialist Measurement if they have completed CNB408 Advanced Building and Civil Construction; CNB420 Current Construction Issues; CNB426 Communication and Cultural Studies; or an approved elective from other QUT courses.

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<tr>
<th>Flexible Mode Course Structure</th>
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<td>Note C Elective</td>
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<td>CNB423 Professional Practice 2</td>
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</table>

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. Alternately, students may undertake an approved elective from other QUT courses.

Note C: Students may choose CNB424 Specialist Measurement if they have completed CNB408 Advanced Building and Civil Construction; CNB420 Current Construction Issues; CNB426 Communication and Cultural Studies; or an approved elective from other QUT courses.
# Bachelor of Applied Science (Construction Management) (CN31)

See course requirements and notes relating to undergraduate courses.

**Course Discontinued:** No further intakes. This course has been replaced by the Bachelor of Applied Science (Construction Management) (CN51). Only units in year 6 of the part-time course are offered to continuing students.

**Location:** Gardens Point campus

**Course Duration:** 6 years part-time, 2 years full-time plus 2 years part-time

**Total Credit Points:** 287

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Mr Stephen Kajewski

**Professional Recognition**

Completion of the Bachelor of Applied Science (Construction Management) together with the related experience requirements enables a graduate to be eligible for membership of the Australian Institute of Building.

**Special Course Requirements**

Students are required to pass the examination segment of each unit, to pass that unit.

A student registered in the part-time study program must be employed full-time by an approved building organisation or other approved body, for three of the final four years of the course. A student registered in the full-time study program must be similarly employed during the final two years part-time segment of the course.

Part-time study generally involves 11 to 12 hours per week and comprises a full-day release from employment with the remaining time spread over one or two nights between 5pm and 9.30pm.

Units are offered only once each year. This means that full-time students are required to attend part of their program in the evening. All students must become familiar with and comply with the School’s enrolment rules.

**Part-Time Course Structure**

**Year 6, Semester 1**

- CNB603 Building Management 5: 4 2
- CNB623 PM6 – Building Development Techniques 1: 4 2
- CNB642 Applied Computer Techniques: 6 3
- CNB656/1 Building Research: 8 4

**Year 6, Semester 2**

- CNB606 PM8 – Land Development Studies: 4 2
- CNB624 PM7 – Building Development Techniques 2: 4 2
- CNB643 Law 5 – Commercial Law OR Elective*: 3 1.5
- CNB656/2 Building Research: 10 5

*Elective Units

Elective units may be taken from any other course offered by the university in consultation with the Course Coordinator.

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# Bachelor of Applied Science (Property Economics) (CN52)

See course requirements and notes relating to undergraduate courses.

**Location of Course:** Gardens Point campus

**Course Duration:** 3 years full-time, 6 years part-time

**Total Credit Points:** 288 credit points

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Mr Stuart Ross

**Professional Recognition**

Completion of the undergraduate course together with the related experience requirements make a graduate eligible for membership of the Property Institute of Australia (formerly Australian Institute of Valuers &
Land Economists), registration by the Valuers’ Registration Board of Queensland, and licensing as a real estate agent.

**Special Course Requirements**

Full-time students must undertake six weeks professional work experience during the duration of the course. All work experience is to be approved by the Course Coordinator to verify that it is appropriate.

A student registered in the part-time study program must be employed full time in an approved organisation for three (3) of the final four (4) years of the course. Part-time study generally involves around 8 hours per week and comprises one half day release from employment with the remaining time spread over 2 or 3 nights between 5.00pm and 9.30pm.

### Full-Time Course Structure

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<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
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<td>CNB181 Introductory Studies</td>
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<td>CNB182 Building Studies 1</td>
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<td>CNB183 Law 1</td>
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<tbody>
<tr>
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<td>CNB185 Real Estate Agency Practice</td>
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<td>CNB186 Investment Valuation 1</td>
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<td>CNB281 Real Estate Marketing Studies</td>
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<td>CNB381 Investment Analysis 1</td>
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<td>CNB382 Statutory &amp; Specialist Valuation</td>
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<td>CNB383 Research Methodologies</td>
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<td>CNB386 Property &amp; Asset Management</td>
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### Part-Time Course Structure

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<tr>
<td>CNB283 Law 2</td>
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</table>
Bachelor of Applied Science (Quantity Surveying) (CN53)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 4 years full-time, 5½ years flexible mode

Total Credit Points: 384

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Mr Adrian Bridge

Special Course Requirements

All students are required to gain 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.

In addition to specific unit requirements, where a final examination is such that it forms the major piece of assessment, students will be required to pass that examination to pass the unit (in addition to receiving an overall pass mark).

Students who have failed units, must undertake those failed units at the very next offering of the unit.

Students may not enrol in units more than 1 year in advance of their enrolled year and then only with the approval of the Course Coordinator. For example, 1st year students may be permitted to enrol in 2nd year units but will not be permitted to enrol in 3rd year or 4th year units.

Parttime study generally involves 9 to 12 hours contact per week and comprises a full day release from employment with the remaining time spread over one or two nights between 5.00 pm and 10.00 pm.

Units are offered only once each year. This means that full-time students are required to attend part of their program in the evening.

All students must become familiar with and comply with the School’s enrolment rules.

Professional Recognition

Completion of the Bachelor of Applied Science (Quantity Surveying) together with the related experience requirements enables a graduate to be eligible for membership of the Australian Institute of Quantity Surveyors.
## Full-Time Course Structure

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**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. Alternately, students may undertake an approved elective from other QUT courses.

**Note C:** Students may choose CNB424 Specialist Measurement if they have completed CNB408 Advanced Building and Civil Construction; CNB426 Communication and Cultural Studies; or an approved elective from other QUT courses.

## Flexible Mode Course Structure

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<thead>
<tr>
<th>Year, Semester</th>
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<td>CNB105 Legal &amp; Land Studies</td>
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<td>CNB201 Construction 3</td>
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Note A Elective

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Note C Elective

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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. Alternately, students may undertake an approved elective from other QUT courses.

Note C: Students may choose CNB424 Specialist Measurement if they have completed CNB408 Advanced Building and Civil Construction; CNB426 Communication and Cultural Studies; or an approved elective from other QUT courses.

Bachelor of Applied Science (Quantity Surveying) (CN33)

See course requirements and notes relating to undergraduate courses.

Course Discontinued: No further intakes. This course has been replaced by the Bachelor of Applied Science (Quantity Surveying) (CN53). Only units in year 6 of the part-time course are offered to continuing students.

Location: Gardens Point campus

Course Duration: 6 years part-time, 2 years full-time plus 2 years part-time
Total Credit Points: 286
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Mr Adrian Bridge

Professional Recognition
Completion of the Bachelor of Applied Science (Quantity Surveying) together with the related experience requirements enables a graduate to be eligible for membership of the Australian Institute of Quantity Surveyors.

Special Course Requirements
Students are required to pass the examination segment of each unit, to pass that unit.
A student registered in the part-time study program must be employed in a building or quantity surveying office under the direction of a qualified quantity surveyor for three of the final four years of the course.
A student registered in the full-time study program must be similarly employed during the final two year part-time segment of the course.
Part-time study generally involves 11 to 12 hours per week and comprises a half-day release from employment with the remaining time spread over two or three nights between 5pm and 9.30 pm. For the first four years of the part-time course a whole day release from employment is required.

Units are offered only once each year. This means that full-time students are required to attend part of their program in the evening. All students must become familiar with and comply with the School’s enrolment rules.

Course Structure

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<tr>
<th>Year 6, Semester 1</th>
<th>Credit Points</th>
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<tr>
<td>CNB603 Building Management 5</td>
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<td>CNB623 PM6 – Building Development Techniques 1</td>
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<td>CNB653 Post Contract Services 2</td>
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<td>CNB452 Computer Software Applications 2</td>
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<td>CNB624 PM7 – Building Development Techniques 2</td>
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<td>CNB647 Cost Planning &amp; Cost Control 1</td>
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<tr>
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Elective Units
Elective units may be taken from any other course offered by the University, in consultation with the Course Coordinator.

■ Bachelor of Architecture (AR48)
See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 6 years part-time

Total Credit Points: 384 (coursework) plus 96 (approved employment)

Standard Credit Points/Part-Time Semester: 36

Course Coordinator: Mr Dan Nutter

Professional Recognition
On completion of the course and one year’s postgraduate practical experience, graduates are eligible to apply for associate membership of the Royal Australian Institute of Architects and are eligible to apply to sit for the registration examination conducted by 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). For details refer to the Section ‘Course Requirements and Notes relating to Undergraduate Courses’.
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.

<table>
<thead>
<tr>
<th>Course Structure</th>
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<td>ADB921 Technology &amp; Science Foundation</td>
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Notes
1. Students must complete all of 1st and 2nd year before undertaking 3rd year.
2. Students must meet pre-requisites in all units.
3. Late penalties for late assignments apply.

■ Bachelor of Architecture (AR41)

Course Discontinued: No further intakes. This course has been replaced by the Bachelor of Architecture (AR48). Year 6 is offered to continuing students only.
Location: Gardens Point campus
Course Duration: 6 years part-time
Total Credit Points: 288
Standard Credit Points/Part-Time Semester: 24
Course Coordinator: Mr Dan Nutter

Professional Recognition
On completion of the course and one year’s postgraduate practical experience graduates are eligible for associate membership of the Royal Australian Institute of Architects and are eligible to sit for the registration examination conducted by the Board of Architects of Queensland.

Special Course Requirements
A student must be engaged in approved employment for 11 months per year for four of the six years of the course, including one of the two final years. Approved employment is defined as working under the direction of an architect or, for a period not exceeding six months, gaining experience in a related field approved by the Head of School. Students should work under the same employer for at least six months. Students must enrol in approved employment units in the semester (or summer school period) in which they expect to finalise the specific approved employment unit involved, so that they can be credited with a result for the unit. All necessary documentation must be forwarded to the Course Coordinator in time for the unit to be finalised by the end of the semester in which the student is enrolled.

Course Structure

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Approved Employment Units
ARB793  Approved Employment 3
ARB794  Approved Employment 4

■ Bachelor of Built Environment (BN31)


This course has replaced the Bachelor of Built Environment (BN30). Continuing students should consult their Course Summary Sheets for enrolment details, or contact the relevant School Office.

See course requirements and notes relating to undergraduate courses.
Location: Gardens Point campus
Course Duration: 3 years full-time
Total Credit Points: 288
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Mr Dan Nutter
Major Coordinators:
Architecture: Mr Dan Nutter
Interior Design: Dr Jill Franz
Industrial Design: Associate Professor Vesna Popovic
Landscape Architecture: Ms Delwynn Poulton
Urban & Regional Planning: Dr Richard Margerum

Professional Recognition

□ Architectural Studies Major
Upon successful completion of the Bachelor of Built Environment (Architectural Studies) students are eligible to apply for entry to the fourth year of the part-time Bachelor of Architecture course.

Upon completion of the final three years of the Bachelor of Architecture course, during which time students have been employed in an approved professional practice for a minimum of 72 recognised weeks, the academic requirements for membership of professional bodies are met.

□ Industrial Design Major
Successful completion of the Bachelor of Built Environment (Industrial Design) satisfies the entry requirement for the Graduate Diploma in Industrial Design, graduates of which are eligible for Associate Membership of the Design Institute of Australia.

□ Interior Design Major
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.

□ Landscape Architecture Major
Successful performance in the Bachelor of Built Environment (Landscape Architecture) enables students to gain entry to the Graduate Diploma/Masters courses. The Graduate Diploma in Landscape Architecture is the only course in Landscape Architecture in Queensland, and one of the courses in Landscape Architecture accredited by the Australian Institute of Landscape Architects.

□ Urban And Regional Planning Major
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.

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. Detailed requirements are issued by the School.

Course Structure

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<tr>
<th>Course Structure</th>
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### Year 2, Semester 2

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### Year 3, Semester 2

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### INDUSTRIAL DESIGN MAJOR

#### Year 1, Semester 1

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#### Year 1, Semester 2

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<td>ADB244</td>
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#### Year 2, Semester 2

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#### Year 3, Semester 1

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#### Year 3, Semester 2

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### INTERIOR DESIGN MAJOR

#### Year 1, Semester 1

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<td>Technology &amp; Science Foundation</td>
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#### Year 1, Semester 2

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<td>Light &amp; Colour Studies</td>
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- ADB103 Interior Design 3  
  - 12  
- ADB912 Human Environment 2  
  - 12  
- ADB123 Interior Technology 2  
  - 12  
- ADB941 Elective 1  
  - 12

### Year 2, Semester 2
- ADB104 Interior Design 4  
  - 12  
- ADB124 Interior Technology 3  
  - 12  
- ADB132 Design in Society 1  
  - 12  
- ADB153 Material Studies  
  - 12

### Year 3, Semester 1
- ADB105 Interior Design 5  
  - 12  
- ADB913 Human Environment 3  
  - 12  
- ADB125 Interior Technology 4  
  - 12  
- ADB133 Design in Society 2  
  - 12

### Year 3, Semester 2
- ADB106 Interior Design 6  
  - 12  
- ADB126 Interior Technology 5  
  - 12  
- ADB154 Furniture Studies  
  - 12  
- ADB942 Elective 2  
  - 12

**LANDSCAPE ARCHITECTURE MAJOR**

This major has been restructured to 12 credit point units in 1999 for commencing students. Continuing students should consult their Course Summary Sheets for enrolment details, or contact the School Office.

### Year 1, Semester 1
- PSB411 Planning/Landscape Design 1  
  - 12  
- PSB412 Computer Skills  
  - 12  
- PSB413 Graphics  
  - 12  
- PSB414 Professional Skills 1  
  - 12

### Year 1, Semester 2
- PSB421 Planning/Landscape Design 2  
  - 12  
- PSB422 Environmental Science  
  - 12  
- PSB423 Group Dynamics  
  - 12  
- PSB424 Land Science  
  - 12

### Year 2, Semester 1
- PSB431 Planning/Landscape Design 3  
  - 12  
- PSB432 History of the Built Environment  
  - 12  
- PSB434 Landscape Construction A  
  - 12  
- PSB435 Social & Cultural Relations  
  - 12

### Year 2, Semester 2
- PSB441 Planning/Landscape Design 4  
  - 12  
- PSB442 Landscape Ecology  
  - 12  
- PSB443 Population & Urban Studies  
  - 12  
- PSB444 Landscape Construction  
  - 12

### Year 3, Semester 1
- PSB451 Planning/Landscape Design 5  
  - 12  
- PSB452 Professional Skills 2  
  - 12  
- PSB453 Elective 1  
  - 12  
- PSB610 Government & Law  
  - 12

### Year 3, Semester 2
- PSB461 Planning/Landscape Design 6  
  - 12  
- PSB462 Conservation & Management  
  - 12  
- PSB463 Elective 2  
  - 12  
- PSB613 Land Development Principles and Practice  
  - 12

**URBAN AND REGIONAL PLANNING MAJOR**

This major has been restructured to 12 credit point units in 1999 for commencing students. Continuing students should consult their Course Summary Sheets for enrolment details, or contact the School Office.
Year 1, Semester 1
PSB411 Planning/Landscape Design 1 12 4
PSB412 Computer Skills 12 3
PSB413 Graphics 12 3
PSB414 Professional Skills 1 12 3

Year 1, Semester 2
PSB421 Planning/Landscape Design 2 12 4
PSB422 Environmental Science 12 3
PSB423 Group Dynamics 12 3
PSB424 Land Science 12 3

Year 2, Semester 1
PSB431 Planning/Landscape Design 3 12 4
PSB432 History of the Built Environment 12 3
PSB433 Planning Processes 12 3
PSB435 Social & Cultural Relations 12 3

Year 2, Semester 2
PSB441 Planning/Landscape Design 4 12 4
PSB443 Population & Urban Studies 12 3
PSB445 Infrastructure Planning 12 3
PSB611 Intro to Urban & Regional Economics 12 3

Year 3, Semester 1
PSB451 Planning/Landscape Design 5 12 4
PSB452 Professional Skills 2 12 3
PSB453 Elective 1 12 3
PSB610 Government & Law 12 3

Year 3, Semester 2
PSB461 Planning/Landscape Design 6 12 4
PSB462 Conservation & Management 12 3
PSB463 Elective 2 12 3
PSB613 Land Development Principles and Practice 12 3

Notes
1. Students must complete all of 1st and 2nd year before undertaking 3rd year.
2. Students must meet pre-requisites in all subjects.
3. Late penalties for late assignments apply.

Course will involve compulsory field work within some units.

Bachelor of Built Environment (Architectural Studies)/Bachelor of Architecture (AR55)

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 3 years full-time followed by 3 years part-time

Total Credit Points: 540

Standard Credit Points per Semester:
Years 1-3 full-time: 48
Years 4-6 part-time: 32

Course Coordinator: Mr Dan Nutter

Professional Recognition
On completion of the course and one year’s postgraduate practical experience, graduates are eligible to apply for associate membership of the Royal Australian Institute of Architects and are eligible to apply to sit for the registration examination conducted by the Board of Architects of Queensland.

Special Course Requirements
Students must be engaged in approved employment for at least 72 recognised weeks within the second three years (ADB796 Practice Experience B). For details refer to the Section ‘Course Requirements and Notes relating to Undergraduate Courses’.
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.

Course Structure
Refer to:
- Bachelor of Built Environment (Architectural Studies) (BN30), Years 1-3 (inclusive)
- Bachelor of Architecture (AR48), Years 4-6 (inclusive).

**Bachelor of Engineering (Aerospace Avionics) (EE48)**
* This course is subject to final approval.
EE48 replaces EE43 Bachelor of Engineering (Aerospace Avionics). Continuing students should consult their Course Summary Sheet for enrolment details, or contact the School Office.
See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus
Course Duration: 4 years full-time
Total Credit Points: 384
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Paul Wilson

Note: Continuing students should refer to their course summary sheets or contact the School of Electrical and Electronic Systems Engineering for enrolment details.

Professional Recognition
This degree meets the requirements for membership of the Institution of Engineers, Australia and of the Institution of Radio and Electronics Engineers.

Special Course Requirements
A candidate for the degree of Bachelor of Engineering must obtain at least 60 days of industrial experience in an engineering environment approved by the Course Coordinator. Candidates in the Bachelor of Engineering (Aerospace Avionics) degree are required to obtain 10 days specialist experience in the avionics industry during the first year of their course. This is in addition to the 60 days’ industrial experience requirement. Candidates must, not later than the fourth week of semester immediately following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from outside the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Credit and Employment Officer or the School Office.

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<tr>
<td>EEB112 Electrical &amp; Computer Engineering 1</td>
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<tr>
<td>MAB131 Engineering Mathematics 1A</td>
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<td>EEB130 Introduction to Avionics</td>
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<td>PCB136 Engineering Physics 1C</td>
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<td><strong>Year 1, Semester 2</strong></td>
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<tr>
<td>CEB109 Engineering Mechanics 1</td>
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<td>BNB007 Professional Studies 1</td>
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<td>EEB212 Electrical &amp; Computer Engineering 2</td>
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⁹ MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
### Year 2, Semester 1
- EEB312 Electronics & Computing 1  
- EEB340 Telecommunications & Signal Processing 1  
- MAB134 Electrical Engineering Mathematics 3  
- MMB251 Aerospace Avionics 1

### Year 2, Semester 2
- EEB412 Electronics & Computing 2  
- EEB435 Aerospace Avionics 2  
- EEB440 Telecommunications & Signal Processing 2  
- MAB135 Electrical Engineering Mathematics 4

### Year 3, Semester 1
- EEB512 Electronics & Computing 3  
- EEB535 Aerospace Avionics 3  
- EEB540 Telecommunications & Signal Processing 3  
- EEB584 Introduction to Design

### Year 3, Semester 2
- EEB612 Electronics & Computing 4  
- EEB640 Telecommunications & Signal Processing 4  
- EEB660 Digital Communication  
- EEB684 Advanced Design

### Year 4, Semester 1
- EEB781 Professional Studies 2  
- EEB735 Aerospace Avionics 4  
- EEB889/1 Project  
  - Avionics Elective Unit 1

### Year 4, Semester 2
- EEB889/2 Project  
- MGBXXX Management for Engineers  
  - Avionics Elective Unit 2  
  - Avionics Elective Unit 3

Elective lists are yet to be finalised and may include units including:

- Military and Combat Electronics
- Navigation Systems for Aircraft and Space
- Satellite Applications

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 an elective from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering.

### Bachelor of Engineering (Civil) (CE44)
CE44 replaces CE42 Bachelor of Engineering (Civil). Continuing students in CE42 should consult their Course Summary Sheets for enrolment details, or contact the School Office.

See course requirements and notes relating to undergraduate courses.

**Location:** Gardens Point campus  
**Course Duration:** Normal Entry: 4 years full-time  
**Total Credit Points:** 384  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Dr Martin Murray

**Professional Recognition**  
This degree meets the requirements for membership of the Institution of Engineers, Australia.

**Special Course Requirements**  
A candidate for the degree of Bachelor of Engineering (Civil) must obtain at least 60 days of industrial employment/practice in an engineering environment approved by the Course Coordinator.
Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Credit and Employment Officer or the School Office.

Students should not formally enrol in industrial employment/practice.

**Note**: Personal protective equipment must be worn for laboratory work.

**Environmental Engineering Major**

Students may elect to enter the environmental major of the course at the end of Year 1 full-time. This will involve taking, over the length of the course, 96 credit points of alternative core units, presribed elective units from the main course and some environmental based topics in design units and project. Further information about the Environmental Engineering major is available from the School of Civil Engineering.

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<tr>
<th>Full -Time Course Structure</th>
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<td>CEB216 Project Engineering 1</td>
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<td><strong>Year 3, Semester 2</strong></td>
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<tr>
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<td>CEB323 Transport Engineering 1</td>
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9 MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
## Electives offered by the School of Civil Engineering

**Semester 1**

- CEB507 Finite Element Methods 12 4
- CEB508 Transport Engineering 2 12 4
- CEB509 Project Management & Administration 12 4
- CEB513 Advanced Construction Practice 12 4
- CEB514 Project Control 12 4
- CEB515 Professional Practice in Asia & Pacific 12 4

**Semester 2**

- CEB516 Masonry Design 12 4
- CEB517 Advanced Engineering Studies 12 4
- CEB518 River & Coastal Engineering 12 4
- CEB519 Advanced Civil Engineering Software 12 4
- CEB522 Geotechnical Engineering Practice 12 4
- CEB523 Environmental Geotechnology 12 4

Students are permitted to enrol in one elective unit from any Faculty in QUT subject to the approval of the Head of School.

## Environmental Major

Students enrolled in the ENVIRONMENTAL MAJOR complete the following units.

<table>
<thead>
<tr>
<th>Course Structure</th>
<th>Credit Points</th>
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<td>CEB411 Thesis A or Elective</td>
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<sup>9</sup> MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
CEB416  Environmental Law & Assessment
CEB523  Environmental Geotechnology

**Year 4, Semester 2**

<table>
<thead>
<tr>
<th>Course Code</th>
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<td>CEB417</td>
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<td>CEB418</td>
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<tr>
<td></td>
<td>Elective</td>
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</table>

**Note**
1. Students’ elective programs are subject to approval by the Head of School.
2. Students may choose approved units from Mathematics, Computing or other degrees subject to approval by the Course Coordinator.

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**Bachelor of Engineering (Civil) (CE45) (Mid-Year Entry)**

CE45 replaces CE43 Bachelor of Engineering (Civil) (Mid-year Entry). Continuing students in CE43 should consult their Course Summary Sheets for enrolment details, or contact the School Office.

See course requirements and notes relating to undergraduate courses.

**Location:** Gardens Point campus

**Course Duration:** 3½ years accelerated program

**Total Credit Points:** 384

**Course Coordinator:** Dr Martin Murray

**Professional Recognition**
This degree meets the requirements for membership of the Institution of Engineers, Australia.

**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.

Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Credit and Employment Officer or the School office.

Students should not formally enrol in industrial experience/practice.

**Note:** Personal protective equipment must be worn for laboratory work.

**Environmental Engineering Major**
Students may elect to enter the environmental major of this course at the end of Year 1 full-time. This will involve taking, over the length of the course, 96 credit points of alternative core units, prescribed elective units from the main course and some environmental based topics in design units and project. Further information about the Environmental Engineering major is available from the School of Civil Engineering.

**Full-Time Course Structure**

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<th>Credit Points</th>
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<td>MMB131 Engineering Materials</td>
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<td>5</td>
</tr>
<tr>
<td>PCB136 Engineering Physics 1C</td>
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<td>5</td>
</tr>
<tr>
<td>MAB180 Engineering Mathematics 1(^9)</td>
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<tr>
<td>OR</td>
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<td></td>
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<tr>
<td>MAB131 Engineering Mathematics 1A</td>
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<td>5</td>
</tr>
<tr>
<td>BNB007 Professional Studies 1</td>
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\(^9\) MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
### Year 1, Summer Semester

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<td>Geotechnical Engineering 1</td>
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### Year 2, Semester 1

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<td>Materials Science</td>
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<td>CEB213</td>
<td>Environmental Science</td>
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<td>5</td>
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<tr>
<td>EEB112</td>
<td>Electrical &amp; Computing Engineering 1</td>
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<tr>
<td>MAB132</td>
<td>Engineering Mathematics 1B</td>
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</table>

### Year 2, Semester 2

Program is the same as normal entry hereafter.

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#### Bachelor of Engineering (Electrical and Computer Engineering) (EE41)

EE41 replaces EE44 Bachelor of Engineering (Electrical and Computer Engineering) - continuing students should consult their Course Summary Sheet for enrolment details, or contact the School Office.

See course requirements and notes relating to undergraduate courses.

**Location:** Gardens Point campus

**Course Duration:** 4 years full-time, 8 years part-time

**Total Credit Points:** 384

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Dr Jim Lyall

**Professional Recognition**

This degree meets the requirements for membership of the Institution of Engineers, Australia and of the Institution of Radio and Electronics Engineers. The alternative award name, Bachelor of Engineering (Electrical), meets the requirements for membership of the Singapore Professional Engineers Board.

**Special Course Requirements**

A candidate for the degree of Bachelor of Engineering (Electrical and Computer Engineering) must obtain at least 60 days of industrial employment in an engineering environment approved by the Course Coordinator.

Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Credit and Employment Officer or the School Office.

Students should not formally enrol in industrial employment/practice.

**Part-Time Enrolment**

Prospective part-time students for this degree should be aware that they need day release from their employers for 2 half days per week. Attendance at lectures throughout the duration of part-time study requires a commitment of 2 evenings and 2 half days per week. The Faculty of Built Environment and Engineering has an on-going commitment to part-time study.

#### Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Code</td>
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\* MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
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<th>Course Code</th>
<th>Course Title</th>
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<th>Year 2, Semester 2</th>
<th>Year 3, Semester 1</th>
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<th>Year 4, Semester 1</th>
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<td>EEB311</td>
<td>Control, Electrical Power &amp; Machines 1</td>
<td>12</td>
<td>EEB411</td>
<td>Control, Electrical Power &amp; Machines 2</td>
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<tr>
<td>EEB511</td>
<td>Control, Electrical Power &amp; Machines 3</td>
<td>12</td>
<td>EEB512</td>
<td>Electronics &amp; Computing 3</td>
<td>12</td>
<td>EEB540</td>
<td>Telecommunications &amp; Signal Processing 3</td>
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<td>EEB584</td>
<td>Introduction to Design</td>
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<td>EEB612</td>
<td>Electronics &amp; Computing 4</td>
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<td>EEB640</td>
<td>Telecommunications &amp; Signal Processing 4</td>
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<td>12</td>
<td>EEB781</td>
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<td>12</td>
<td>EEB889/1</td>
<td>Project</td>
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<td>Power Systems Analysis</td>
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<td>EEB889/2</td>
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Electives are yet to be finalised, and may include units from subject areas including:

- Electrical Power Systems
- Microwave Systems
- Communication Systems
- Computer Systems
- Signal Processing and Communications Theory
- Control Systems
- Electronics
- Occasional Specialist/Visiting Expert Courses
- Software Engineering
- Artificial Intelligence/Neurocomputing
- Data Networking
- Management
- Marketing
- Foreign Languages
<table>
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<th>Course Title</th>
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**Electives**

Refer to elective list under full-time course structure.

<sup>9</sup> MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
Bachelor of Engineering (Electrical and Computer Engineering) (EE42) (Mid-Year Entry)

EE42 replaces EE45 Bachelor of Engineering (Electrical and Computer Engineering) (Mid-year Entry). Continuing students should refer to their Course Summary Sheets or contact the School of Electrical and Electronic Systems Engineering for enrolment details.

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus
Course Duration: 3½ years full-time
Total Credit Points: 384
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Jim Lyall

Professional Recognition
This degree meets the requirements for membership of the Institution of Engineers, Australia and of the Institution of Radio and Electronics Engineers.

The alternative award name, Bachelor of Engineering (Electrical), meets the requirements for membership of the Singapore Professional Engineers Board.

Special Course Requirements
A candidate for the degree of Bachelor of Engineering (Electrical and Computer Engineering) must obtain at least 60 days of industrial employment in an engineering environment approved by the Course Coordinator.

Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Credit and Employment Officer or the School Office.

Students should not formally enrol in industrial employment/practice.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 2 (July)</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>BNB007 Professional Studies 1</td>
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<tr>
<td>CEB109 Engineering Mechanics 1</td>
<td>12</td>
<td>5</td>
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<tr>
<td>EEB112 Electrical &amp; Computer Engineering 1</td>
<td>12</td>
<td>5</td>
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<tr>
<td>MAB180 Engineering Mathematics 19</td>
<td>12</td>
<td>4</td>
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<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAB131 Engineering Mathematics 1A</td>
<td>12</td>
<td>4</td>
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<tr>
<td>PCB136 Engineering Physics 1C</td>
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<table>
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<tr>
<th>Year 1, Summer School</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>EEB212 Electrical &amp; Computer Engineering 2</td>
<td>12</td>
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<td>MAB132 Engineering Mathematics 1B</td>
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<table>
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<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>EEB311 Control, Electrical Power &amp; Machines 1</td>
<td>12</td>
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<tr>
<td>EEB312 Electronics &amp; Computing 1</td>
<td>12</td>
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<tr>
<td>EEB340 Telecommunications &amp; Signal Processing 1</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>MAB134 Electrical Engineering Mathematics 3</td>
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<tr>
<td>MMB131 Materials 1</td>
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<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>EEB411 Control, Electrical Power &amp; Machines 2</td>
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<td>EEB412 Electronics &amp; Computing 2</td>
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<tr>
<td>EEB440 Telecommunications &amp; Signal Processing 2</td>
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<tr>
<td>MAB135 Electrical Engineering Mathematics 4</td>
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</table>

9 MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
Year 3, Semester 1
EEB511 Control, Electrical Power & Machines 3 12 4
EEB512 Electronics & Computing 3 12 4
EEB540 Telecommunications & Signal Processing 3 12 4
EEB584 Introduction to Design 12 1

Year 3, Semester 2
EEB612 Electronics & Computing 4 12 4
EEB640 Telecommunications & Signal Processing 4 12 4
EEB684 Advanced Design 12 1
Select one of:
EEB650 Power Systems Analysis 12 4
OR
EEB660 Digital Communication 12 4

Year 4, Semester 1
EEB781 Professional Studies 2 12 4
EEB889/1 Project 12
Elective Unit 1
Elective Unit 2

Year 4, Semester 2
EEB889/2 Project 12
MGBXXX Management for Engineers 12 4
Elective Unit 3
Elective Unit 4

Electives are yet to be finalised, and may include units from subject areas including:
- Electrical Power Systems
- Microwave Systems
- Communication Systems
- Computer Systems
- Signal Processing and Communications Theory
- Control Systems
- Electronics
- Occasional Specialist/Visiting Expert Courses
- Software Engineering
- Artificial Intelligence/Neurocomputing
- Data Networking
- Management
- Marketing
- Foreign Languages

- Bachelor of Engineering (Mechanical) (ME41)

ME41 replaces ME45 Bachelor of Engineering (Mechanical). Continuing students should consult their Course Summary Sheet for enrolment details, or contact the School Office.

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration:
Normal Entry: 4 years full-time
Articulation from Bachelor of Technology (ME35): 3 years part-time

Total Credit Points: 384/144
Standard Credit Points/Full-Time Semester: 48/24

Course Coordinator: Dr Kunle Oloyede

Professional Recognition
This degree is recognised for the purpose of membership of the Institution of Engineers, Australia.
Special Course Requirements
A candidate for the degree of Bachelor of Engineering (Mechanical) must obtain at least 60 days of industrial employment/practice in an engineering environment approved by the Course Coordinator.

Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Credit and Employment Officer or the School office.

Students should not formally enrol in industrial employment/practice.

Part-Time Enrolment
Prospective part-time students for this degree should be aware that they may need day release from their employers for 2 half days. Attendance at lectures throughout the duration of part-time study requires a commitment of at least 2 evenings and 2 half days. The Faculty of Built Environment and Engineering has an on-going commitment to part-time study. Students enrolled in part-time courses must consult with a course advisor regarding their enrolment.

Full-Time Course Structure

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<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>CEB109 Engineering Mechanics 1</td>
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<tr>
<td>MAB131 Engineering Mathematics 1A OR MAB180 Engineering Mathematics 1</td>
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<td>MMB131 Engineering Materials</td>
<td>12</td>
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<td>PCB136 Engineering Physics 1C</td>
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<table>
<thead>
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<th>Year 1, Semester 2</th>
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<tr>
<td>BNB007 Professional Studies 1</td>
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<td>EEB112 Electrical &amp; Computer Engineering 1</td>
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<td>MAB132 Engineering Mathematics 1B</td>
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<td>MMB112 Dynamics</td>
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<th>Contact Hrs/Wk</th>
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<td>EEB220 Electrical Engineering 2M</td>
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<td>MAB133 Engineering Mathematics 2</td>
<td>12</td>
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<td>MMB211 Mechanics 1</td>
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<td>MMB281 Design 1</td>
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<th>Year 2, Semester 2</th>
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<td>MMB212 Mechanics 2</td>
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<td>MMB232 Materials Technology</td>
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<td>MMB252 Thermofluids</td>
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<tr>
<th>Year 3, Semester 1</th>
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<td>MMB311 Mechanics 3</td>
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<td>MMB351 Thermodynamics</td>
<td>12</td>
<td>6</td>
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<td>MMB371 Manufacturing Processes</td>
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<td>MMB381 Design 2</td>
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<th>Year 3, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tr>
<td>MGBXXX Engineering Management</td>
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<td>3</td>
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<td>MMB352 Fluid Mechanics</td>
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<tr>
<td>MMB382 Design 3</td>
<td>12</td>
<td>6</td>
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<tr>
<td>1 Elective Select from Group A</td>
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<table>
<thead>
<tr>
<th>YEAR 4, OPTION 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>MMB400 Industry Project</td>
<td>48</td>
<td>40 hours</td>
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</table>

9 MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
Semester 1 or 2
3 Electives from Group B 36 4
1 Elective from Group C 12 3 or 4

YEAR 4, OPTION 2

Semester 1 & 2
MMB401/1 Project 48 40 hours
& 2
3 Electives from Group B 36 4
1 Elective from Group C 12 3 or 4

Electives

Group A
MMB412 Finite Element Analysis 12 4
MMB430 Advanced Materials 12 4
MMB450 Air Conditioning 12 4

Group B
MMB411 Advanced Automatic Control 12 4
MMB413 Industrial Noise & Vibrations 12 4
MMB451 Energy Management 12 4
MMB461 Process Systems Design 12 4
MMB471 Computer Integrated Manufacturing 12 4
MMB472 Design for Manufacturing 2 12 4
Any unit from another Faculty approved by the Course Coordinator 12

Group C
MMB470 Engineering Asset Management & Maintenance 12 3 (semester 1 only)
OR
MMB476 Operations Management 12 3 (semester 2 only)
OR
Any management unit approved by the Course Coordinator 12 3

Bachelor of Engineering (Mechanical) (ME45) – Conversion Program from Bachelor of Technology (ME35)

Entry Requirement: Bachelor of Technology (Mechanical)

Year 1, Semester 1
EFB002 Financial Management for Engineers 8 2
MAB487 Engineering Mathematics 2A 8 3
MEB613 Mechanics 2 8 4

Year 1, Semester 2
MAB488 Engineering Mathematics 2B 8 3
MEB455 Thermodynamics 2 8 4
MEB466 Fluids 2 8 4

Year 2, Semester 1
MEB554 Heat Transfer 8 4
MEB662 Fluid Power 8 4
Elective Unit (Select from List A or C)

Year 2, Semester 2
MEB381 Design 2 8 3
MEB513 Stress Analysis 8 4
MEB641 Automation 1 8 4

Year 3, Semester 1
MEB802/1 Project 16 6
MEB912 Finite Element Analysis 8 4
Elective Unit (Select from List A or C)

Year 3, Semester 2
MEB483 Design 3 8 3
MEB514 Noise & Vibrations 8 4
MEB802/2 Project 16 6
Bachelor of Engineering (Mechanical) (ME42) (Mid-Year Entry)

ME42 replaces ME47 Bachelor of Engineering (Mechanical) (ME42) Mid-Year Entry for commencing students. Continuing students should consult their Course Summary Sheet for enrolment details, or contact the School Office.

See course requirements and notes relating to undergraduate courses.

Location: Gardens Point campus

Course Duration: 3½ years full-time plus Summer School

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr Kunle Oloyede

Professional Recognition

This degree is recognised for the purpose of membership of the Institution of Engineers, Australia.

Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Mechanical) must obtain at least 60 days of industrial employment/practice in an engineering environment approved by the Course Coordinator.

Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Credit and Employment Officer or the School office.

Students should not formally enrol in industrial employment.

Part-Time Enrolment

Prospective part-time students for this degree should be aware that they may need day release from their employers for 2 half days. Attendance at lectures throughout the duration of part-time study requires a commitment of at least 2 evenings and 2 half days. The Faculty of Built Environment and Engineering has an on-going commitment to part-time study. Students enrolled in part-time course must consult with a course advisor regarding their enrolment.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 2 (July)</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>CEB109 Engineering Mechanics 1</td>
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<tr>
<td>MAB131 Engineering Mathematics 1A</td>
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<td>4</td>
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<tr>
<td>OR</td>
<td></td>
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<tr>
<td>MAB180 Engineering Mathematics 1⁹</td>
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<td>4</td>
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<tr>
<td>MMB131 Engineering Materials</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCB136 Engineering Physics 1C</td>
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SUMMER SCHOOL

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<tr>
<td>BNB007 Professional Studies 1</td>
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<tr>
<td>EEB112 Electrical Engineering 1</td>
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<tr>
<td>MAB132 Engineering Mathematics 1B</td>
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<tr>
<td>MMB112 Dynamics</td>
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<table>
<thead>
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<th>Year 2, Semester 1</th>
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<tbody>
<tr>
<td>EEB220 Electrical Engineering 2M</td>
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<tr>
<td>MAB133 Engineering Mathematics 2</td>
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<td>MMB211 Mechanics 1</td>
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<td>MMB281 Design 1</td>
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<table>
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<tr>
<th>Year 2, Semester 2</th>
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<tbody>
<tr>
<td>MAB136 Engineering Statistics</td>
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<td>MMB212 Mechanics 2</td>
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<tr>
<td>MMB232 Materials Technology</td>
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<tr>
<td>MMB252 Thermofluids</td>
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</tbody>
</table>

⁹ MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
Year 3, Semester 1
- MMB311 Mechanics 3: 12 credit points, 6 units
- MMB351 Thermodynamics: 12 credit points, 6 units
- MMB371 Manufacturing Processes: 12 credit points, 5 units
- MMB381 Design 2: 12 credit points, 6 units

Year 3, Semester 2
- MGBXXX Engineering Management: 12 credit points, 3 units
- MMB352 Fluid Mechanics: 12 credit points, 6 units
- MMB382 Design 3: 12 credit points, 6 units
- 1 Elective Select from Group A: 12 credit points, 4 units

YEAR 4, OPTION 1

Semester 1 or 2
- MMB400 Industry Project: 48 credit points, 40 hours

Semester 1 or 2
- 3 Electives from Group B: 36 credit points, 4 units
- 1 Elective from Group C: 12 credit points, 3 or 4 units

YEAR 4, OPTION 2

Semester 1 & 2
- MMB401/1 Project: 48 credit points, 40 hours

- 3 Electives from Group B: 36 credit points, 4 units
- 1 Elective from Group C: 12 credit points, 3 or 4 units

Electives

Group A
- MMB412 Finite Element Analysis: 12 credit points, 4 units
- MMB430 Advanced Materials: 12 credit points, 4 units
- MMB450 Air Conditioning: 12 credit points, 4 units

Group B
- MMB411 Advanced Automatic Control: 12 credit points, 4 units
- MMB413 Industrial Noise & Vibrations: 12 credit points, 4 units
- MMB451 Energy Management: 12 credit points, 4 units
- MMB461 Process Systems Design: 12 credit points, 4 units
- MMB471 Computer Integrated Manufacturing: 12 credit points, 4 units
- MMB472 Design for Manufacturing 2: 12 credit points, 4 units
- Any unit from another Faculty approved by the Course Coordinator: 12 credit points, 4 units

Group C
- MMB470 Engineering Asset Management & Maintenance: 12 credit points, 3 (semester 1 only)
- Or
- MMB476 Operations Management: 12 credit points, 3 (semester 2 only)
- Or
- Any management unit approved by the Course Coordinator: 12 credit points, 3

### Bachelor of Engineering (Medical) (ME48)

ME48 replaces ME46 Bachelor of Engineering (Medical). Continuing students in ME46 should consult their Course Summary Sheet for enrolment details, or contact the School Office.

See course requirements and notes relating to undergraduate courses.

**Location:** Gardens Point campus

**Course Duration:** 4 years full-time

**Total Credit Points:** 384

**Course Coordinator:** Professor Mark Pearcy

**Professional Recognition**

Preliminary accreditation for the course has been received from the Institution of Engineers, Australia. Full accreditation will be sought when the course has produced its first graduates. If accreditation is granted, graduates will be professionally recognised to practice as biomedical engineers.
Special Course Requirements

A candidate for the degree of Bachelor of Engineering must obtain at least 60 days of industrial employment in an engineering environment approved by the Course Coordinator.

Candidates must, not later than the fourth week of semester immediately following each period of industrial experience, submit to the Faculty Office, a report in the required format, describing the work carried out during the period of experience and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the School office.

Students should not formally enrol in industrial employment.

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>Year 1, Semester 1</td>
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</tr>
<tr>
<td>LSB142 Human Anatomy &amp; Physiology</td>
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<tr>
<td>MAB131 Engineering Mathematics 1A</td>
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<tr>
<td>OR</td>
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<tr>
<td>MAB180 Engineering Mathematics 1°</td>
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<tr>
<td>MMB191 Introduction to Engineering in the Medical Environment</td>
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<tr>
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<tr>
<td>Year 1, Semester 2</td>
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<tr>
<td>CEB109 Engineering Mechanics 1</td>
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<td>MAB132 Engineering Mathematics 1B</td>
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<tr>
<td>MMB112 Dynamics</td>
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<td>Year 2, Semester 1</td>
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<td>HMB274 Functional Anatomy</td>
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<td>EEB112 Electrical Engineering 1</td>
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<td>MMB371 Manufacturing Processes</td>
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<tr>
<td>1 unit from Elective List B</td>
<td>12</td>
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</table>

° MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
Elective List A

**Biomechanics**
- MMB491 Robotics in Health Care 12 4

**Rehabilitation**
- PUB112 Introduction to Occupational Health & Safety 12 4
- HMB379 Disorders of Human Movement 12 4

**Mechanical Engineering**
- MMB351 Thermodynamics 12 6

Elective List B

**Biomechanics**
- MMB412 Finite Element Analysis 12 4
- MMB496 Modelling & Simulation for Medical Engineers 12 4

**Rehabilitation**
- HMB273 Bioenergetics & Muscle Physiology in Exercise 12 4
- MMB494 Rehabilitation Equipment Design & Evaluation 12 4

**Biomedical Engineering**
- MMB498 Medical Imaging and Image Processing 12 4

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**Bachelor of Surveying (PS47)**

This course has been restructured to 12 credit point units for commencing students in 1999. Continuing students should refer to their Course Summary Sheet for enrolment details or contact the School office.

See course requirements and notes relating to undergraduate courses.

**Campus:** Gardens Point campus

**Course Duration:** 4 years full-time

**Total Credit Points:** 384

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Mr Kevin Jones

**Professional Recognition**
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 Mapping Major is recognised by the Mapping Sciences Institute, Australia, as satisfying academic membership requirements.

Surveying graduates are readily accepted internationally.

**Special Course Requirements**
Students must obtain at least 90 days industrial employment in a surveying/mapping environment approved by the Course Coordinator.

Students, must not later than the fourth week of the semester immediately following each period of industrial employment, submit to the Course Coordinator a report or diary in the required format, describing the work carried out during the period of industrial employment and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from the School of Planning, Landscape Architecture, and Surveying Office or from the Faculty Credit and Employment Officer, Level 10, S Block, Gardens Point campus. Should employment exceed the minimum required, it is strongly recommended that these details also be recorded in the report or diaries and certified by the employer as a record of experience which may be used when seeking registration or licensing by the Surveyors Board. Students should not formally enrol in industrial employment.

Students are required to:
attend compulsory field practicals off-campus in the Moreton region, and
have access to an advanced scientific calculator for use during the course.

<table>
<thead>
<tr>
<th>Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
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</tr>
<tr>
<td>MAB131 Engineering Mathematics 1A</td>
<td>12</td>
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<tr>
<td>OR</td>
<td></td>
<td></td>
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<tr>
<td>MAB180 Engineering Mathematics 1&lt;sup&gt;9&lt;/sup&gt;</td>
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<td>4</td>
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<tr>
<td>PSB412 Computer Skills</td>
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<td>PSB414 Professional Skills</td>
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<td>PSB424 Land Science</td>
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<td>PCB172 Physics for Surveyors</td>
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<td>PSB422 Environmental Science</td>
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<td>PSB640 Surveying</td>
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<td><strong>Year 2, Semester 1</strong></td>
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<tr>
<td>MAB137 Engineering Statistics &amp; Spherical Trigonometry</td>
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<tr>
<td>PSB610 Government &amp; Law</td>
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<tr>
<td>PSB620 Cadastral Surveying &amp; Mapping</td>
<td>12</td>
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<tr>
<td>PSB630 Cartography &amp; Digital Mapping</td>
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<td><strong>Year 2, Semester 2</strong></td>
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<tr>
<td>MAB730 Surveying Mathematics 2</td>
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<tr>
<td>PSB611 Introduction to Urban &amp; Regional Economics</td>
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<td>PSB631 Geographic Information Systems</td>
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<td>PSB641 Engineering Surveying</td>
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<td><strong>Year 3, Semester 1</strong></td>
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<tr>
<td>CEBxxx Engineering Design for Land Development</td>
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<tr>
<td>PSB612 Spatial &amp; Land Information Management</td>
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<tr>
<td>PSB642 Control Surveying &amp; Analysis</td>
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<td>Elective (or an alternate unit from the approved list)</td>
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<tr>
<td><strong>Year 3, Semester 2</strong></td>
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<td></td>
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<tr>
<td>PSB613 Land Development Principles &amp; Policies</td>
<td>12</td>
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<td>PSB632 Photogrammetry</td>
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<td>PSB643 Geodesy</td>
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<td><strong>Year 4, Semester 1</strong></td>
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<tr>
<td>PSB614 Urban &amp; Rural Design Principles</td>
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<td>PSB633 Map Production: Principles &amp; Practice</td>
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<tr>
<td>PSB644 Advanced Geodesy</td>
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<td>4</td>
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<tr>
<td>PSB650 Project/Elective (or an approved alternative)</td>
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<td><strong>Year 4, Semester 2</strong></td>
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<tr>
<td>PSB615 Urban &amp; Rural Design Practice</td>
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<td>PSB621 Advanced Cadastral Surveying</td>
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<tr>
<td>PSB645 Surveying &amp; Mapping Practice</td>
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<tr>
<td>PSB651 Project/Elective (or an approved alternative)</td>
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<tr>
<td><strong>List of Approved Electives</strong></td>
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<tr>
<td>PSB652 Topics in Land Administration</td>
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<td>PSB653 Topics in Surveying Engineering</td>
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<td>PSB654 Topics in Geographic Information Systems</td>
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<td>PSB655 Remote Sensing</td>
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</table>

Elective units are still to be finalised. In addition to the above units, the approved electives will incorporate streams in the following subject areas:

- Surveying
- Mapping

<sup>9</sup> *MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).*
### Bachelor of Surveying (PS48) (Mid-Year Entry)

This course has been restructured to 12 credit point units for commencing students in 1999. Continuing students should refer to their Course Summary Sheet for enrolment details or contact the School Office. See course requirements and notes relating to undergraduate courses.

**Campus:** Gardens Point campus  
**Course Duration:** 3 1/2 years full-time  
**Total Credit Points:** 384  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Mr Kevin Jones

### Professional Recognition

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 Mapping Major is recognised by the Mapping Sciences Institute, Australia, as satisfying academic membership requirements.

Surveying graduates are readily accepted internationally.

### Special Course Requirements

Students must obtain at least 90 days industrial employment in a surveying/mapping environment approved by the Course Coordinator.

Students, must not later than the fourth week of the semester immediately following each period of industrial employment, submit to the Course Coordinator a report or diary in the required format, describing the work carried out during the period of industrial employment and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from the School of Planning, Landscape Architecture, and Surveying Office or from the Faculty Credit and Employment Officer, Level 10, S Block, Gardens Point campus. Should employment exceed the minimum required, it is strongly recommended that these details also be recorded in the report or diaries and certified by the employer as a record of experience which may be used when seeking registration or licensing by the Surveyors Board. Students should not formally enrol in industrial employment.

Students are required to:

- attend compulsory field practicals off-campus in the Moreton region, and  
- have access to an advanced scientific calculator for use during the course.

### Full-Time Course Structure

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<thead>
<tr>
<th>Year 1, Semester 2 (July)</th>
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<th>Contact Hrs/ Wk</th>
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<tr>
<td>MAB180 Engineering Mathematics 1&lt;sup&gt;9&lt;/sup&gt;</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCB172 Physics for Surveyors</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PSB424 Land Science</td>
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<td>3</td>
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<table>
<thead>
<tr>
<th>Year 1, Semester 3 (Summer School)</th>
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<tbody>
<tr>
<td>MAB132 Engineering Mathematics 1B</td>
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</table>

<sup>9</sup> MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
Year 2, Semester 1
MAB137 Engineering Statistics & Spherical Trigonometry 12 4
PSB412 Computer Skills 12 3
PSB610 Government & Law 12 3
PSB620 Cadastral Surveying & Mapping 12 5
PSB630 Cartography & Digital Mapping 12 4

Year 2, Semester 2
MAB730 Surveying Mathematics 2 12 4
PSB611 Introduction to Urban & Regional Economics 12 3
PSB631 Geographic Information Systems 1 12 4
PSB641 Engineering Surveying 12 5

Year 3, Semester 1
CEBxxx Engineering Design for Land Development 12 4
PSB414 Professional Skills 12 3
PSB612 Spatial & Land Information Management 12 4
PSB642 Control Surveying & Analysis 12 5
Elective (or an alternate unit from the approved list) 12

Year 3, Semester 2
PSB613 Land Development Principles & Policies 12 3
PSB632 Photogrammetry 12 4
PSB643 Geodesy 12 4
Elective (or an alternate unit from the approved list) 12

Year 4, Semester 1
PSB422 Environmental Science 12 3
PSB614 Urban & Rural Design Principles 12 4
PSB633 Map Production: Principles & Practice 12 4
PSB644 Advanced Geodesy 12 4
PSB650 Project/Elective (or an approved alternative) 12 4

Year 4, Semester 2
PSB615 Urban & Rural Design Practice 12 4
PSB621 Advanced Cadastral Surveying 12 4
PSB645 Surveying & Mapping Practice 12 4
PSB651 Project/Elective (or an approved alternative) 12 4

List of Approved Electives
PSB652 Topics in Land Administration 12 4
PSB653 Topics in Surveying Engineering 12 4
PSB654 Topics in Geographic Information Systems 12 4
PSB655 Remote Sensing 12 4

Elective units are still to be finalised. In addition to the above units, approved electives will incorporate streams in the following subject areas:

- Surveying
- Mapping
- Information Technology
- Planning
- Geographic or Spatial information Science.
- Property Management

Bachelor of Technology (Civil) (CE33)
CE33 replaces CE31 Bachelor of Technology (Civil). Continuing students enrolled in CE31 should consult their Course Summary Sheets for enrolment details, or contact the School Office.

See course requirements and notes relating to undergraduate courses

Location: Gardens Point campus

Course Duration:
Normal entry: 3 years full-time
Articulation from Associate Diploma: 3 years part-time
Standard Credit Points/Full-Time Semester:
Normal entry: 48
Articulation from Associate Diploma: 24

Course Coordinator: Mr Bevan Boyce

Entry Requirements

☐ Normal entry
Applicants must have completed Year 12 (or its equivalent) and, in addition, have obtained a minimum grade of Sound Achievement over four semester units in each of Senior English and Mathematics B (Mathematics 1, units 1, 2 and 3).

☐ Articulation from Associate Diploma
Applicants require an Associate Diploma in Civil Engineering from a university, TAFE college, or equivalent. Holders of Associate Diplomas from places other than QUT must have undertaken certain prerequisite units but may also seek exemptions.

Professional Recognition
Preliminary accreditation has been granted by the Institution of Engineers, Australia (IEAust). Further recognition for the course will be sought in accordance with IEAust regulations once the initial intake of students passes the halfway stage of the course. Full recognition will be obtained from the IEAust when the course produces its first graduates. When full recognition has been gained, graduates will be eligible for affiliate membership of the IEAust, providing them with official recognition as engineering technologists.

Special Course Requirements
A candidate for the degree of Bachelor of Technology (Civil) must obtain at least 45 days of industrial employment/practice in an engineering environment approved by the Course Coordinator.

Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point campus. For further information contact the Faculty Credit and Employment Officer or the School Office.

Full-Time Course Structure

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<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>CEB109 Engineering Mechanics</td>
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</tr>
<tr>
<td>CEB111 Experimental Procedures, Design &amp; Analysis</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>PCB136 Engineering Physics 1C</td>
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<tr>
<td>MAB100 Mathematical Sciences 1A</td>
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<tr>
<td>MAB131 Engineering Mathematics 1A</td>
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<td>MAB180 Engineering Mathematics 1</td>
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<tbody>
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<td>BNB007 Professional Studies 1</td>
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<td>CEB110 Engineering Mechanics 2</td>
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<tr>
<td>MMB131 Engineering Materials</td>
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<tr>
<td>CEB112 Computing Applications</td>
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<td>MAB132 Engineering Mathematics 1B</td>
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<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>CEB207 Professional Studies 2</td>
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<td>CEB208 Materials Science</td>
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<tr>
<td>CEB209 Geotechnical Engineering 1</td>
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<td>CEB218 Geotechnical Engineering 1A</td>
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<td>CEB213 Environmental Science</td>
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</table>

10 MAB100 Mathematical Sciences 1A is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
Year 2, Semester 2
CEB214 Professional Studies 3 12 5
CEB215 Structural Engineering 1 12 5
OR
CEB219 Structural Engineering 1A 12 5
CEB216 Project Engineering 1 12 5
CEB217 Hydraulic Engineering 12 5
OR
CEB222 Hydraulic Engineering A 12 5

Year 3, Semester 1
CEB317 Professional Studies 4 12 5
CEB324 CAD in Civil Engineering 12 5
OPTION 1
OPTION 2

Year 3, Semester 2
CEB327 Municipal Design Project 12 5
CEB328 Investigation Project 12 5
CEB326 Civil Design Software 12 5
OPTION 3

Options 1 and 2
Any TWO of:
CEB412 Project Engineering 2 12 5
CEB318 Structural Engineering 2 12 5
CEB319 Water Engineering 12 5
MAB132 Engineering Mathematics 1B 12 5

Option 3
ONE of:
MEB323 Transport Engineering 1 12 5
CEB322 Geotechnical Engineering 2 12 5
CEB321 Water & Wastewater Treatment Engineering 12 5

■ Bachelor of Technology (Mechanical) (ME36)
ME36 replaces ME35 Bachelor of Technology (Mechanical) for commencing students. Continuing students should consult their Course Summary Sheet for enrolment details, or contact the School Office.

See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering

Location: Gardens Point campus

Course Duration:
Direct Entry: 3 years full-time
Articulation from Associate Diploma: 3 years part-time

Total Credit Points: 288/144

Standard Credit Points/Full-Time Semester: 48/24

Course Coordinator: Dr Andy Tan

Professional Recognition
The Institution of Engineers, Australia (IEAust) has given the course provisional accreditation. Full recognition will be sought from the IEAust when the course produces its first graduates.

Special Course Requirements
A candidate for the degree of Bachelor of Technology (Mechanical) must obtain at least 50 days of industrial experience, with a minimum of 25 days in an engineering environment approved by the Course Coordinator.

Candidates must, not later than the fourth week of semester following each period of industrial experience, submit to the Faculty Office a report in the required format, describing the work carried out during the period of employment/practice including an Industrial Experience Record Form signed by the employer.
Industrial Experience Record Forms and Information Booklets are available from the Faculty Office, Level 10, S Block, Gardens Point Campus. For further information contact the Faculty Industrial Experience Officer or the School office.

Students should not formally enrol in industrial employment/practice

Students will be permitted to articulate to the Bachelor of Engineering (Mechanical) in mid-course only after completion of 48 credit points with a GPA (Grade Point Average) of 5.5 or above in the Bachelor of Technology (Mechanical).

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
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<tbody>
<tr>
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<td>MAB100</td>
<td>Mathematical Sciences 1A</td>
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<td>MMB111</td>
<td>Mechanical Engineering Science</td>
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<td>MMB131</td>
<td>Engineering Materials</td>
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<td>PCB004</td>
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<td>MMB182</td>
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<td>PCB136</td>
<td>Engineering Physics 1C</td>
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<td>Year 2, Semester 1</td>
<td>CEB109</td>
<td>Engineering Mechanics 1</td>
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<td>Engineering Mathematics 1B</td>
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<td>MMB211</td>
<td>Mechanics 1</td>
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<td>MMB274</td>
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<td>Year 2, Semester 2</td>
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<td>MMB312</td>
<td>Mechanical Measurement</td>
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</table>

Bachelor of Technology (Mechanical) (ME38) – Articulation from Associate Diploma, or Equivalent

Course Duration: Three years part-time or 1½ years full time (for conversion program)

Total Credit Points: 288 (144 credit points exemption)

Candidates with an Associate Diploma (or equivalent) in Mechanical Engineering or a relevant tertiary qualification (eg. Bachelor of Science or CAE Diploma) will receive credit of 144 credit points. Students must apply for credit of 144 credit points towards their degree.

Part-time Course Structure

Prospective part-time students for this degree should be aware that they may need day release from their employers for a maximum of 2 half days. Attendance at lectures throughout the duration of part-time study requires a commitment of at least 2 evenings and 2 half days.

9 MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).
<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td>MMB281</td>
<td>Design 1</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>MMB371</td>
<td>Manufacturing Processes</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>Year 1, Semester 2</td>
<td>MGB001</td>
<td>Human Resources &amp; Industrial Relations</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MMB112</td>
<td>Dynamics</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td>EEB112</td>
<td>Electrical Engineering 1</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>MMB211</td>
<td>Mechanics 1</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td>MMB232</td>
<td>Materials Technology</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>MMB252</td>
<td>Thermofluids</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>Year 3, Semester 1</td>
<td>MGB004</td>
<td>Managing People at Work</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MMB302</td>
<td>Project 2T</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Year 3, Semester 2</td>
<td>MMB212</td>
<td>Mechanics 2</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>MMB315</td>
<td>Mechanical Measurement</td>
<td>12</td>
<td>3</td>
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</tbody>
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* Subject to final approval
Master of Applied Finance (BS98)

Location: Gardens Point campus
Course Duration: 6 semesters part-time
Total Credit Points: 144
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Jennifer Radbourne
Major Coordinator: Mr Mark Christensen

Entry Requirements
Applicants should hold an undergraduate degree, except in Finance, from a recognised tertiary institution or equivalent.

Special Entry
A limited number of places will be available to applicants who have successfully completed either a Graduate Certificate in Management, with a major in Finance offered by the School of Economics and Finance; or the equivalent of post-graduate diploma studies in finance offered by a professional body.

Under special entry each applicant will be individually assessed. Applicants without a degree or formal qualifications but with extensive and/or relevant work experience will be considered for special entry.

Applicants under special entry will first enrol in the Graduate Diploma in Applied Finance. On successful completion these students will be permitted to enrol in the Master of Applied Finance.

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 the approval of the Director of Graduate Studies.

Course Requirements
Students must complete twelve units (144 credit points total). The course can be undertaken, on a part-time basis, over six semesters.

Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFN406 Managerial Finance</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EFN405 Managerial Economics</td>
<td>12</td>
<td>3</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFN414 International Finance</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EFN415 Security Analysis</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>EFN412 Advanced Managerial Finance</td>
<td>12</td>
<td>3</td>
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<tr>
<td>EFN413 Securities Law</td>
<td>12</td>
<td>3</td>
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<table>
<thead>
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<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSN204 Management &amp; the Business Environment</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective Unit</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFN505 Financial Risk Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective Unit</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSN404 Project 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EFN507 Advanced Capital Budgeting</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives may be selected from any available postgraduate units offered by the Faculty, subject to the approval of the Director of Graduate Studies.
Master of Business (Research) (BS92)


Location: Gardens Point campus

Course Duration: 3 semesters full-time, 6 semesters part-time

Total Credit Points: 144 credit points (for entry without Honours), 96 credit points (for entry with Honours)

Course Coordinator: Dr Neal Ryan

Entry Requirements

There are two possible entry points to the Master of Business (Research). For those entering with an Honours degree, the Honours (at level IIB or better) must be relevant to the field of study in the Masters of Business (Research). For those entering from a pass degree, the entry requirement is an undergraduate degree with a major in an approved area plus, normally, a grade point average (GPA) of 5 or more.

Course Requirements

Students entering with an approved Honours degree are required to undertake a 96 credit point thesis. Students entering with a relevant pass degree will complete the following programs of study.

PROGRAM FOR ACCOUNTANCY, BANKING & FINANCE, AND ECONOMICS

Students must complete the following program:

<table>
<thead>
<tr>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) Compulsory Unit – All students</td>
</tr>
<tr>
<td>BSN500 Research Methods 12</td>
</tr>
<tr>
<td>(ii) Units in Accountancy</td>
</tr>
<tr>
<td>AYN505 Accounting Honours – A 12</td>
</tr>
<tr>
<td>AYN506 Accounting Honours – B 12</td>
</tr>
<tr>
<td>AYN507 Business Law Honours 12</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>EFN504 Finance Honours 12</td>
</tr>
<tr>
<td>EFN505 Financial Risk Management 12</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>EFN500 Contemporary Macroeconomic Theories 12</td>
</tr>
<tr>
<td>EFN502 Developments in Microeconomic Theories 12</td>
</tr>
<tr>
<td>(iii) Plus one elective</td>
</tr>
<tr>
<td>The elective unit for the Masters program may be taken from any 12 credit point postgraduate unit offered by the Schools of Accountancy, and Economics and Finance, or by other schools within the Faculty of Business, subject to the approval of the Course Coordinator.</td>
</tr>
<tr>
<td>(iv) Compulsory Thesis – All students</td>
</tr>
<tr>
<td>BSN600 Thesis 96</td>
</tr>
</tbody>
</table>

PROGRAM FOR COMMUNICATION

Research can be undertaken in the fields of Advertising, Organisational Communication, Public Relations or related Communication fields.

(i) Compulsory Units
| BSN502 Research Methodology 12 |
| CON406 Communication Strategies 12 |
| CON500 Qualitative Research Enquiry 12 |

(ii) One School-based Elective
| To be taken from any 12 credit point postgraduate unit offered by the School of Communication |

(iii) Compulsory Thesis
| BSN600 Thesis 96 |
PROGRAM FOR HUMAN RESOURCE MANAGEMENT, INTERNATIONAL BUSINESS, MANAGEMENT & MARKETING

Under the umbrella of Management and Human Resource Management, students may undertake a thesis in Industrial Relations or Public Sector Management. Details are available from the School Administration Officer, School of Management.

Under the umbrella of Marketing and International Business, students may be able to take specialised studies in Industry Economics, Arts Administration, Fundraising or Tourism. Details are available from the School of Marketing and International Business.

(i) **Compulsory Units – All students**

BSN502 Research Methodology 12
BSN503 Research Seminars 12

(ii) **Two units from the area of Honours study:**

Units in Human Resource Management (compulsory)
- MGN506 Contemporary Issues in HRM 12
- MGN508 HRM Cases 12

OR

Units in International Business (compulsory)
- Two of the following units (approved by the Course Coordinator)
  - MIN403 Business in Asia 12
  - MIN404 Business in Europe 12
  - MIN405 Business in North America 12
  - MIN426 Special Topic – International Business 12

OR

Units in Management (compulsory)
- MGN501 Readings in Management 12
- MGN507 Contemporary Issues in Management 12

OR

Units in Marketing (compulsory)
- Two of the following units (approved by the Course Coordinator)
  - MIN407 Contemporary Issues in Marketing 12
  - MIN411 Industry Competition and Network Analysis 12
  - MIN414 Marketing Decision Systems 12
  - MIN419 Seminars in Consumer Behaviour 12
  - MIN421 Seminars in International Marketing 12
  - MIN422 Seminar in Marketing Management 12
  - MIN423 Seminars in Product Innovation and Development 12
  - MIN424 Seminars in Services Marketing 12
  - MIN425 Seminars in Strategic Marketing 12
  - MIN429 Strategic Marketing Management 12

(iii) **Compulsory Thesis – All students**

BSN600 Thesis 96

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### Master of Business (BS93)

Majoring in Communication, Human Resource Management\(^1\), International Business\(^1\) or Marketing.

**Location:** Gardens Point campus

**Course Duration:** 3 semesters full-time, 6 semesters part-time. Some Majors are designed to be completed in one calendar year full-time, including a Summer Program teaching period.

**Total Credit Points:** 144

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Dr Jennifer Radbourne

**Major Coordinators:**
- Communication: Dr Caroline Hatcher
- Human Resource Management: Mr Paul Davidson

\(^1\) Subject to final approval.
Communication Major
Specialising in Advertising, Organisational Communication or Public Relations.

Course Duration
The Major is designed for possible completion by full-time students in one calendar year consisting of three teaching periods. Students should note that elective unit offerings and the 24 credit point Communication Project are offered during the Summer Program. Careful planning is necessary to ensure that units are taken in an appropriate sequence to enable 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.

Entry Requirements
An undergraduate degree in the same specialised area as the intended postgraduate studies in communication.

Course Requirements
Communication Students undertake advanced coursework in theory and applications in a variety of topics with relevance to contemporary and emerging issues – including the globalisation of the world economy. Students must choose one of the following specialisations: Advertising, Organisational Communication or Public Relations and study all units in that specialisation.

(i) **Major core, required of all students (96 credit points):**
- CON406 Communication Strategies
- CON407 Communication Technology & Global Networks
- CON408 Crisis Communication
- CON412 Contemporary Issues in Advertising
- CON421 Seminar in Integrated Marketing Communication
- CON500 Qualitative Research Enquiry

**Advertising Specialisation:**
- CON418 Seminar in Media Strategy
- CON419 Strategies for Creative Advertising

**Organisational Communication Specialisation:**
- CON401 Advanced Organisational Communication
- CON413 Issues in Intercultural Communication

**Public Relations Specialisation:**
- CON409 Financial Communication
- CON414 Public Communication

(ii) **Project (24 credit points):**
- CON405 Communication Project

(iii) **Electives (24 credit points):**
- Elective Unit
- CON416 Readings in Communication OR
- Elective Unit

Students may choose their elective units from another specialisation in the Communication major or from another major in the Master of Business (BS93). Any deviation from this should be approved by the Course Coordinator.

Full-Time Course Structure

**Semester 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON406</td>
<td>Communication Strategies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON407</td>
<td>Communication Technology &amp; Global Networks</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON500</td>
<td>Qualitative Research Enquiry</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective Unit</td>
<td></td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>
Students must select a specialisation and enrol in two units for that specialisation.

### Part-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON406 Communication Strategies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON407 Communication Technology &amp; Global Networks</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advertising specialisation: 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CON418 Seminar in Media Strategy</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON419 Strategies for Creative Advertising</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 3</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON408 Crisis Communication</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>OR Elective Unit</td>
<td>12</td>
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<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON500 Qualitative Research Enquiry</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON412 Contemporary Issues in Advertising</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON421 Seminar in Integrated Marketing Communication</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 3</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON405 Communication Project</td>
<td>24</td>
<td></td>
</tr>
</tbody>
</table>

Students must choose one specialisation and complete all the units in that specialisation.

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**Human Resource Management Major**

Course Duration

This major may be taken over three semesters full time (including a summer teaching period) or six semesters part-time (including two summer teaching periods). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

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1. *Subject to final approval.*
2. *Students must select a specialisation and enrol in two units for that specialisation.*
Entry Requirements
(a) A degree, or equivalent, in Business or Commerce, with an approved HRM major/specialisation/minor, or equivalent study in organisational behaviour, organisational psychology or industrial relations.
(b) An alternative entry point into the BS93 Master of Business (HRM) for students with a business or other relevant degree in a discipline other than HRM could include articulation from a Graduate Certificate in Business (HRM). Such applicants will also require at least two years’ work experience in a related field.

Course Requirements
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).

For students with a degree in Business and a Major/Specialisation or Minor in HRM:

(i) 8 Major Core Units (96 credit points):

<table>
<thead>
<tr>
<th>Code</th>
<th>Module Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSN400</td>
<td>Industry Analysis</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>BSN408</td>
<td>Business &amp; the International Environment</td>
<td>12</td>
<td>3</td>
<td>1, 2 &amp; 3</td>
</tr>
<tr>
<td>MGN421</td>
<td>Strategic Human Resource Management</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MGN422</td>
<td>Contemporary Issues &amp; Practices in Employee Relations</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MGN423</td>
<td>Contemporary Strategic Analysis</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MGN424</td>
<td>International Dimensions of Human Resource Management</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MGN505</td>
<td>Consulting &amp; Change Management</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MGN506</td>
<td>Contemporary Issues in Human Resource Management</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MGN508</td>
<td>HRM Cases</td>
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<tr>
<td>MGN509</td>
<td>HRM Project 1</td>
<td>12</td>
<td>3</td>
<td>1, 2 &amp; 3</td>
</tr>
<tr>
<td>MIN403</td>
<td>Business in Asia</td>
<td>12</td>
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<td>1</td>
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<tr>
<td>MIN404</td>
<td>Business in Europe</td>
<td>12</td>
<td>3</td>
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</table>

(ii) Elective Units (48 credit points) to be selected from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Module Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSN401</td>
<td>Management, the Organisation &amp; International Business</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>BSN406</td>
<td>Project</td>
<td>24</td>
<td>1</td>
<td>1, 2 &amp; 3</td>
</tr>
<tr>
<td>EFN406</td>
<td>Managerial Finance</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>GSN219</td>
<td>Understanding Diversity with the Organisation</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>GSN220</td>
<td>Understanding Diversity: An International Perspective</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MGN402</td>
<td>Government-Business Relations</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MGN413</td>
<td>Quality Systems Management</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MGN414</td>
<td>horizontal Dimension of Human Resource Management</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MGN508</td>
<td>HRM Cases</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MGN509</td>
<td>HRM Project 1</td>
<td>12</td>
<td>3</td>
<td>1, 2 &amp; 3</td>
</tr>
<tr>
<td>MIN403</td>
<td>Business in Asia</td>
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<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIN404</td>
<td>Business in Europe</td>
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<tr>
<td>MIN405</td>
<td>Business in Europe</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

(Students with a minor in HRM should closely liaise with the Major Coordinator when planning their program.)

Full-Time Course Structure (One Calendar Year)  Credit Points  Contact Hrs/ Wk

Year 1, Semester 1
- BSN400  Industry Analysis  12  3
- BSN408  Business & the International Environment  12  3
- MGN505  Consulting & Change Management  12  3
- MGN506  Contemporary Issues in HRM  12  3

Year 1, Semester 2
- MGN423  Contemporary Strategic Analysis  12  3
- MGN424  International Dimensions of HRM  12  3
- Elective Unit  12
- Elective Unit  12

Year 1, Semester 3
- MGN421  Strategic HRM  12  3
- MGN422  Contemporary Issues & Practices in Employee Relations  12  3
- Elective Unit  12
- Elective Unit  12
Part-Time Course Structure (Over Two Years)

**Year 1, Semester 1**
- BSN408 Business & the International Environment 12 3
- MGN506 Contemporary Issues in HRM 12 3

**Year 1, Semester 2**
- MGN424 International Dimensions of HRM 12 3
- Elective Unit 12

**Year 1, Semester 3**
- MGN422 Contemporary Issues & Practices in Employee Relations 12 3
- Elective Unit 12

**Year 2, Semester 1**
- BSN400 Industry Analysis 12 3
- MGN505 Consulting & Change Management 12 3

**Year 2, Semester 2**
- MGN423 Contemporary Strategic Analysis 12 3
- Elective Unit 12

**Year 2, Semester 3**
- MGN421 Strategic HRM 12 3
- Elective Unit 12

☐ **International Business Major**

**Course Duration**
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.

**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 and cross cultural communication, as approved by the Course Coordinator with advice from the Major Coordinator. Students without an undergraduate business degree may be admitted at the discretion of the Director, Graduate Studies.

**Course Requirements**
All students will undertake eight compulsory core units (96 credit points) and also complete 48 credit points of elective units from among the alternatives indicated below.

(i) **Major Core, Required of all Students (96 credit points):**
- BSN400 Industry Analysis
- BSN401 Management, the Organisation and International Business
- BSN408 Business and the International Environment
- EFN417 International Finance and Resource Management
- MGN423 Contemporary Strategic Analysis
- MGN424 International Dimensions of Human Resource Management
- MIN403 Business in Asia
  - OR
- MIN404 Business in Europe
- MIN421 Seminars in International Marketing

(ii) **Electives (48 credit points) selected from:**
1. A project or internship up to 24 credit points, approved by the Major Coordinator. Project units include:
   - BSN404 Project 1 12
   - BSN405 Project 2 12
   - BSN406 Project 3 24

1 Subject to final approval.
2. Two or four language units in one language. Students should be aware of the fact that the option of completing language units may only be available for part-time students or those who choose to undertake these units on an overload basis.

3. Units selected from:
   AYN424 International Accounting
   CON413 Issues in Intercultural Communication
   EFN410 Economic and Financial Modelling
   MIN400 Arts Administration and Society
   MIN403 Business in Asia (if not selected in core)
   MIN404 Business in Europe (if not selected in core)
   MIN405 Business in North America
   MIN406 Comparative Regulatory Systems
   MIN407 Contemporary Issues in Marketing
   MIN413 Market and Business Research Methods
   MIN415 Marketing for Arts Administrators
   MIN419 Seminars in Consumer Behaviour
   MIN423 Seminars in Product Innovation and Development
   MIN424 Seminars in Services Marketing
   MIN426 Special Topic in International Business
   MIN430 The Arts Industry
   MIN435 Business in Australia

4. Approved study trips or any other graduate level unit for which the student meets the relevant prerequisites, approved by the Major Coordinator.

5. Up to 24 credit points of English language study, approved by the Major Coordinator.

Full-Time Course Structure - One Calendar Year

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
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Three Semesters, no Summer Program

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### Part-Time Course Structure

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### Marketing Major

**Course Duration**

This 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 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.

**Entry Requirements**

An undergraduate degree or equivalent, with a major in marketing or equivalent professional experience. Students with undergraduate study in business, commerce, economics, or communication, cultural anthropology, psychology or sociology combined with some business study may be eligible on a case by case basis as approved by the Course Coordinator with advice from the Major Coordinator.

**Course Requirements**

All students will undertake eight compulsory units (96 credit points) and also complete 48 credit points of elective units from among the alternatives indicated below.

Students with an extended undergraduate major in marketing (8-12 units) may be advised by the Major Coordinator to substitute marketing electives for three core units. This ensures all students are studying at a level advanced from their undergraduate study.

(i) **Major Core, Required of all Students (96 credit points):**

- CON421 Seminars in Integrated Marketing Communication
- MIN413 Market and Business Research Methods
- MIN419 Seminars in Consumer Behaviour
- MIN421 Seminars in International Marketing
- MIN422 Seminars in Marketing Management
- MIN423 Seminars in Product Innovation and Development
- MIN424 Seminars in Services Marketing
- MIN429 Strategic Marketing Management
(ii) **Electives (48 credit points) selected from:**

1. A project, or internship, up to 24 credit points, approved by the Major Coordinator. Project units include:
   - BSN404 Project 1 12
   - BSN405 Project 2 12
   - BSN406 Project 3 24
2. Approved study trips.
3. Up to 24 credit points of English language study, approved by the Major Coordinator.
4. Units selected from the BS93 Master of Business (International Business), BS88 or MBA programs, for which the student meets the relevant prerequisites, approved by the Major Coordinator.
5. Units selected from:
   - MIN400 Arts Administration and Society
   - MIN407 Contemporary Issues in Marketing
   - MIN409 Fundraising Principles
   - MIN408 Fundraising Campaigns
   - MIN414 Marketing Decision Systems
   - MIN415 Marketing for Arts Administrators
   - MIN430 The Arts Industry
   - MIN434 Special Topic in Marketing

### Full-Time Course Structure - One Calendar Year

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<thead>
<tr>
<th>Year, Semester</th>
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<td>MIN422 Seminars in Marketing Management</td>
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<td>MIN424 Seminars in Services Marketing</td>
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<td><strong>Year 1, Semester 2</strong></td>
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<td>Project(s)/Elective(s)</td>
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**Three Semesters, no Summer Program**

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<th>Year, Semester</th>
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<td><strong>Year 2, Semester 1</strong></td>
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<td>Project(s)/Elective(s)</td>
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### Part-time Course Structure

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Year 1, Semester 3
Elective 12

Year 2, Semester 1
MIN419 Seminars in Consumer Behaviour 12 3
MIN424 Seminars in Services Marketing 12 3

Year 2, Semester 2
CON421 Seminars in Integrated Marketing Communication 12 3
MIN429 Strategic Marketing Management 12 3

Year 2, Semester 3
Elective 12

Year 3, Semester 1
Project(s)/Elective(s) 24

Master of Commerce (BS94)
With specialisations in the fields of Accountancy, Banking and Finance, Business and Taxation Law
Location: Gardens Point campus
Course Duration: 3 semesters full-time, 6 semesters part-time
Total Credit Points: 144
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Jennifer Radbourne
Major Coordinators:
Accounting and Business and Taxation Law: Ms Lynn Gallagher
Banking and Finance: Mr Peter Whelan

Entry Requirements
Applicants for admission to this degree shall hold:
(a) a Bachelor of Business from QUT and shall have achieved a level of attainment in an appropriate
discipline or disciplines considered by the Academic Board of the Faculty of Business to be acceptable
for the purpose of proceeding to a degree of master,
OR
(b) from another tertiary institution or from QUT, qualifications approved by the Academic Board, on the
recommendation of the Head of School responsible for the specialisation which the applicant seeks to
study, as equivalent to the requirements set out in (a) above.

This course provides advanced level studies in Accountancy, Banking and Finance, and Business and
Taxation Law. It assumes a knowledge of Australian business law, company law, taxation law, and accounting
and auditing standards. Students (in particular those selecting the Accountancy or Business and Taxation
Law specialisations) may be required to take one or more undergraduate units in order to make good any
deficiency in their qualifications to enter the course.

Course Requirements
Students are required to complete satisfactorily 12 units (144 credit points). This may include 12 coursework
units, or may include up to two Research Projects (Project 1 BSN404, Project 2 BSN405 – 12 credit points
each) OR a 24 Credit Point Project (Research Project BSN409).

Units
In selecting units, students must choose one specialisation from three areas: Accountancy, Banking and
Finance, or Business and Taxation Law (see Lists One, Two, and Three respectively in the schedule of
postgraduate units). The 12 units (144 credit points) must include at least six units (72 credit points) from
the chosen specialisation. Projects in the relevant area of study may count for up to 24 credit points towards
a specialisation. The remaining credit points required for the degree may be chosen from any of the lists,
and the unit BSN500 Research Methods. BSN500 does not count as a subject in the specialisation.

Research Project
Students who elect to complete the 24 credit point Research project must complete BSN500 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, or Business and Taxation Law. 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 hours per week (24 credit points). Part-time students are to enrol in one semester.

Schedule of Postgraduate Units

Units required for the degree may be chosen from Lists One, Two, Three and Four, depending on the options selected for the specialisation. In regard to the specialisations, the Research Project, if chosen, will count as two units (24 credit points) in the relevant area of specialisation; however, BSN500 Research Methods may not be counted towards a specialisation. Up to two minor projects (each 12 credit points) may be counted towards a specialisation.

**List One: Accountancy**

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<td>Advanced Company Accounting</td>
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<td>AYN408</td>
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<td>Auditing Standards &amp; Practice</td>
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<td>Financial Modelling</td>
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<td>AYN430</td>
<td>Managerial Accounting Issues A</td>
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<td>AYN506</td>
<td>Accounting Honours – B</td>
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<td>EFN401</td>
<td>Advanced Financial Institutions Management</td>
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<td>EFN410</td>
<td>Economic &amp; Financial Modelling</td>
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<td>Contemporary Macroeconomic Theories</td>
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<td>EFN501</td>
<td>Corporate &amp; Commercial Lending</td>
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<td>EFN502</td>
<td>Developments in Microeconomic Theories</td>
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<td>EFN504</td>
<td>Finance Honours</td>
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<td>EFN505</td>
<td>Financial Risk Management</td>
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<td>EFN506</td>
<td>Advanced International Finance</td>
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<td>EFN507</td>
<td>Advanced Capital Budgeting</td>
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**List Three: Business and Taxation Law**

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<th>Title</th>
<th>Credits</th>
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<tr>
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<td>Advanced Tax Planning</td>
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<tr>
<td>AYN406</td>
<td>Capital Gains Tax</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AYN421</td>
<td>Indirect Taxation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AYN422</td>
<td>Insolvency &amp; Reconstruction (PY)</td>
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<td>AYN425</td>
<td>International Taxation</td>
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<td>AYN426</td>
<td>Legal Environment of Business</td>
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<td>AYN427</td>
<td>Liquidations &amp; Receivership</td>
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<td>AYN435</td>
<td>Taxation 1A (PY)</td>
<td>12</td>
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<tr>
<td>AYN436</td>
<td>Taxation 1B (PY)</td>
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<tr>
<td>AYN437</td>
<td>Taxation 2 (PY)</td>
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<tr>
<td>AYN507</td>
<td>Business Law Honours</td>
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</table>
List Four: Elective Research Based Units

Major Project
BSN500 Research Methods 12
AND
BSN409 Research Project 24
OR

Minor Projects
One or both of:
BSN404 Project 1 12
BSN405 Project 2 12

A maximum of 24 credit points may be taken as project(s).

A number of postgraduate units are equivalent in content to Professional Year (PY) units offered in the program.

Professional Year units are normally taken only by students enrolled for the Professional Year with the Institute of Chartered Accountants in Australia. Students not undertaking the PY may enrol in the equivalent postgraduate units, but should note that abnormal timetables apply. Credit cannot be gained for both a PY unit and its equivalent unit.

Master of Business (Communication Studies) (BS88)

In the fields of Advertising (ADV), Organisational Communication (ORC) and Public Relations (PUR).

This course is designed for graduates in areas other than Communication.

The coursework covers communication theory and applications to a number of contemporary and emerging issues, including those related to the globalisation of the world economy. Students can specialise in one of three strands: Advertising, Organisational Communication and Public Relations.

This course is designed for completion in one calendar year consisting of three semesters.

Location: Gardens Point campus

Course Duration: 3 semesters full-time, 6 semesters part-time. This course has been designed to enable full-time students to complete the course in one calendar year consisting of three semesters. Because the units offered in Summer Semester are limited, part-time students may not be able to complete the course in two years. These students should consult the School Administration Officer to check the availability of units if they wish to enrol in Summer Semester.

Total Credit Points: 144

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr Jennifer Radbourne

Entry Requirements
An undergraduate degree from a recognised tertiary institution in any area other than Communication (i.e. Advertising, Organisational Communication or Public Relations).

Elective Units
Students are recommended to select their elective units from another strand in the Master of Business (Communication Studies). Any deviation to this should be approved by the Course Coordinator.

Articulation
Students who have articulated from the Graduate Diploma in Communication (BS72) may receive block credit for 96 credit points. They will be required to complete a further 48 credit points consisting of CON406 Communication Strategies, CON407 Communication Technology & Global Networks, and CON405 Communication Project.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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</thead>
<tbody>
<tr>
<td>CON404 Communication Practice for Professionals</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON420 Theories of Human Communication</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON500 Qualitative Research Enquiry</td>
<td>12</td>
<td>3</td>
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<tr>
<td>Semester 1</td>
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</tr>
<tr>
<td>CON404</td>
<td>Communication Practice for Professionals</td>
<td>12</td>
</tr>
</tbody>
</table>

**Students completing Advertising strand also enrol in:**

CON417 Seminar in Advertising Management 12 3

**Students completing Organisational Communication strand also enrol in:**

CON410 Interpersonal Communication & Negotiation 12 3

**Students completing Public Relations strand enrol in:**

CON415 Public Relations Management 12 3

**Semester 2**

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<tbody>
<tr>
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<tr>
<td>12</td>
<td>3</td>
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</table>

**Students completing Advertising strand also enrol in:**

CON418 Seminar in Media Strategy 12 3
CON419 Strategies for Creative Advertising 12 3

**Students completing Organisational Communication strand also enrol in:**

CON401 Advanced Organisational Communication 12 3
CON413 Issues in Intercultural Communication 12 3

**Students completing Public Relations strand also enrol in:**

CON409 Financial Communication 12 3
CON414 Public Communication 12 3

**Semester 3**

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<tbody>
<tr>
<td>CON405</td>
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<tr>
<td>CON406</td>
<td>Communication Strategies</td>
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<tr>
<td>CON407</td>
<td>Communication Technology &amp; Global Networks</td>
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**Part-Time Course Structure**

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**Semester 1**

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<tbody>
<tr>
<td>CON404</td>
<td>Communication Practice for Professionals</td>
<td>12</td>
</tr>
</tbody>
</table>

**Students completing Advertising strand also enrol in:**

CON417 Seminar in Advertising Management 12 3

**Students completing Organisational Communication strand also enrol in:**

CON410 Interpersonal Communication & Negotiation 12 3

**Students completing Public Relations strand enrol in:**

CON415 Public Relations Management 12 3

**Semester 2**

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</table>

**Students completing Advertising strand also enrol in:**

CON418 Seminar in Media Strategy 12 3
CON419 Strategies for Creative Advertising 12 3

**Students completing Organisational Communication strand also enrol in:**

CON401 Advanced Organisational Communication 12 3
CON413 Issues in Intercultural Communication 12 3

**Students completing Public Relations strand also enrol in:**

CON409 Financial Communication 12 3
CON414 Public Communication 12 3

**Semester 3**

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<tr>
<td>CON420</td>
<td>Theories of Human Communication</td>
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<td>Qualitative Research Enquiry</td>
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**Semester 4**

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<tr>
<td>12</td>
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</tbody>
</table>

**Students completing Advertising strand also enrol in:**

CON418 Seminar in Media Strategy 12 3

**Students completing Organisational Communication strand also enrol in:**

CON413 Issues in Intercultural Communication 12 3

**Students completing Public Relations strand enrol in:**

CON409 Financial Communication 12 3

**Semester 5**

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<tr>
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<tr>
<td>CON406</td>
<td>Communication Strategies</td>
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</tr>
<tr>
<td>CON407</td>
<td>Communication Technology &amp; Global Networks</td>
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</table>
* Students must choose one strand (Advertising – ADV, Organisational Communication – ORC, or Public Relations – PUR) and complete all the units in that strand.

**Master of Business (Professional Accounting) (BS89)**

**Location:** Gardens Point campus  
**Course Duration:** 3 semesters full-time, 6 semesters part-time  
**Total Credit Points:** 144  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Dr Jennifer Radbourne  
**Major Coordinator:** Dr Chris Ryan

**Entry Requirements**  
For Australian residents, an applicant should normally possess:  
(i) an undergraduate degree qualification, except in accounting, from a recognised tertiary institution at a standard acceptable to the Dean; and  
(ii) an appropriate standard of tertiary level achievement in quantitative methods/statistics. A candidate who has not met this requirement must complete either EFN409 Statistical Methods or EFB101 Data Analysis for Business in addition to the normal course requirements.

For international students, as above, plus English language proficiency to an approved standard. Only non-accounting graduates will be admitted to this course.

**Professional Recognition**  
Students completing the Master of Business (Professional Accounting) degree meet the academic requirements for Associate membership of the Australian Society of Certified Practising Accountants (ASCPA), the academic requirements for enrolment in the CPA examinations of the ASCPA and the academic requirements for enrolment in the Professional Year program of The Institute of Chartered Accountants in Australia.

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>AYN410 Business Law &amp; Ethics</td>
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<td>AYN416 Financial Accounting 1</td>
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<td>EFN406 Managerial Finance</td>
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<td>EFN405 Managerial Economics</td>
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<table>
<thead>
<tr>
<th>Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<td>AYN412 Company Law</td>
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<td>AYN414 Cost Accounting</td>
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<td>AYN417 Financial Accounting 2</td>
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<td>AYN443 Professional Accounting Information Systems</td>
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<th>Semester 3</th>
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<tbody>
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<td>AYN411 Company Auditing</td>
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<td>AYN418 Financial Accounting 3</td>
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<tr>
<td>AYN438 Taxation Law &amp; Practice</td>
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<td>AYN439 Management Accounting</td>
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**Part-Time Course Structure**

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<th>Semester 1</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>AYN410 Business Law &amp; Ethics</td>
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<td>AYN416 Financial Accounting 1</td>
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<th>Semester 2</th>
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<td>AYN417 Financial Accounting 2</td>
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</table>
Semester 3
AYN411  Company Auditing  12  3
AYN418  Financial Accounting 3  12  3

Semester 4
AYN414  Cost Accounting  12  3
AYN443  Professional Accounting Information Systems  12  3

Semester 5
AYN438  Taxation Law & Practice  12  3
AYN439  Management Accounting  12  3

Semester 6
EFN405  Managerial Economics  12  3
EFN406  Managerial Finance  12  3

Master of Business Administration (GS85)¹

Location: Gardens Point campus
Course Duration: 3 semesters full-time; 6 semesters part-time.
Total Credit Points: 144
Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr Carol Dalglish

Entry Requirements
Eligibility for entry will be considered by the Course Coordinator where applicants possess:
(i)  Prior degree plus two years’ work experience; or
(ii)  No prior degree plus five years’ appropriate business experience; or
(iii)  Degree in a business related area with less than two years’ work experience.

For international students, as above, plus an English proficiency of:
(i)  TOEFL ≥575
(ii)  IELTS ≥6.5

International applicants whose TOEFL score is 550 - 575 (or IELTS 6.0 - 6.5) may be admitted into the MBA. However, they must complete 24 credit points of Business English at the QUT International College which will constitute a minor in Business English. To become more familiar with Australian business, they will also take the unit Doing Business in Australia in their first semester.

Full-time Course Structure
The structure and content of QUT’s MBA have been designed to offer students a broad range of core and elective units. Concentrations and minors are available in disciplines including New Venture Management, Electronic Commerce, Diversity Management, Leadership and Entrepreneurship. Students are advised to contact the Graduate School of Business for further information.

Part-time Course Structure
Students are advised to contact the Graduate School of Business for further information.

Exemptions/Substitutions
Students are advised to contact the Graduate School of Business in the first instance.

Graduate Diploma in Advanced Accounting (BS70)

Location: Gardens Point campus
Course Duration: 2 semesters full-time, 4 semesters part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr Jennifer Radbourne
Major Coordinator: Associate Professor Peter Best

¹ Subject to final approval.
Entry Requirements
Applicants should hold a degree from a recognised tertiary institution, with an appropriate major in Accounting.

This course provides advanced level studies in Accountancy, Banking and Finance, and Business and Taxation Law. It assumes a knowledge of Australian business law, company law, taxation law, and accounting and auditing standards.

Students may be required to take one or more undergraduate units in order to make good any deficiency in their qualifications to enter the postgraduate course.

Exemptions
Once enrolled for the 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 studies completed with the Institute of Chartered Accountants in Australia and CPA studies completed with the Australian Society of Certified Practising Accountants.

Course Requirements
The student must complete eight units (96 credit points total). A minimum of six units must be selected from Lists 1, 2 and 3. Up to two postgraduate units may be selected as electives from List 4 or any postgraduate units offered within QUT or elsewhere, subject to the approval of the Course Coordinator.

Units completed in the Graduate Diploma may be counted towards the Master of Commerce, subject to approval by the Course Coordinator. Students who have aspirations to proceed to the Masters are advised to refer to the Masters course rules before selecting units in the GDAA.

Course Structure

<table>
<thead>
<tr>
<th>Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<td><strong>List 1: Accountancy</strong></td>
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<tr>
<td>AYN400 Accounting 1 (PY)</td>
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<td>AYN401 Accounting 2 (PY)</td>
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<td>AYN402 Accounting Information Systems (PY)</td>
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<tr>
<td>AYN404 Advanced Company Accounting</td>
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<td>AYN408 Auditing (PY)</td>
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<td>AYN409 Auditing Standards &amp; Practice</td>
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<td>AYN413 Computer Auditing</td>
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<td>AYN415 External Reporting Issues</td>
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<td>AYN419 Financial Modelling</td>
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<td>AYN420 Financial Reporting</td>
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<td>AYN433 Special Topic in Accounting A</td>
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<td>AYN441 Advanced Auditing</td>
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<td>AYN505 Accounting Honours – A</td>
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<td><strong>List 2: Banking and Finance</strong></td>
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<td>AYN429 Management Accounting (PY)</td>
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<td>AYN430 Managerial Accounting Issues A</td>
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<td>AYN506 Accounting Honours – B</td>
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<td>EFN401 Advanced Financial Institutions Management</td>
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<td>EFN504 Finance Honours</td>
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<td>EFN507 Advanced Capital Budgeting</td>
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List 3: Business and Taxation Law
AYN405 Advanced Tax Planning 12 3
AYN406 Capital Gains Tax 12 3
AYN421 Indirect Taxation 12 3
AYN422 Insolvency & Reconstruction (PY) 12 3
AYN425 International Taxation 12 3
AYN426 Legal Environment of Business 12 3
AYN427 Liquidations & Receivership 12 3
AYN435 Taxation 1A (PY) 12 3
AYN436 Taxation 1B (PY) 12 3
AYN437 Taxation 2 (PY) 12 3
AYN507 Business Law Honours 12 3

List 4
MGN402 Government – Business Relations 12 3
MGN412 People in Organisations 12 3
MGN504 Business Policy 12 3
GSN206 Marketing 12 3

Professional Year Higher Degree Program
The Professional Year Higher Degree Program (PYHDP) allows people employed with a chartered accountant in public practice to complete their Professional Year (PY) studies at QUT within the Graduate Diploma in Advanced Accounting.

The PYHDP does not run independently of the PY program as offered by the Institute of Chartered Accountants in Australia (ICAA). QUT presents this program in accordance with the ICAA PY syllabus, program and timetable. Students must enrol with the ICAA as well as with QUT. Not only will they complete the same workshops and module examinations as other PY candidates, they will also be required to complete and pass internal assessment set by this University.

Students enrolled in the PYHDP must complete the following course of study:
AYN400 Accounting 1 (PY)
AYN401 Accounting 2 (PY)
AYN420 Financial Reporting
AYN435 Taxation 1A (PY)
AYN436 Taxation 1B (PY)
   Elective Unit
   Elective Unit

plus one of:
AYN402 Accounting Information Systems (PY)
AYN408 Auditing (PY)
AYN422 Insolvency & Reconstruction (PY)
AYN429 Management Accounting (PY)
AYN437 Taxation 2 (PY)

Postgraduate units will be offered every year subject to staff availability and sufficient student demand.

Units Offered

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>AYN400 Accounting 1 (PY)</td>
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<tr>
<td>AYN404 Advanced Company Accounting</td>
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<td>3</td>
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<tr>
<td>AYN405 Advanced Tax Planning</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AYN406 Capital Gains Tax (intensive offering)</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AYN408 Auditing (PY)</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AYN409 Auditing Standards &amp; Practice</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AYN415 External Reporting Issues</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AYN420 Financial Reporting</td>
<td>12</td>
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<tr>
<td>AYN430 Managerial Accounting Issues A</td>
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<tr>
<td>AYN432 Public Sector Accounting Issues</td>
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<td>AYN436 Taxation 1B (PY)</td>
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<td>AYN437 Taxation 2 (PY)</td>
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<tr>
<td>AYN441 Advanced Auditing</td>
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<tr>
<td>AYN505 Accounting Honours – A</td>
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<td>AYN506 Accounting Honours – B</td>
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<td>Course Code</td>
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<tr>
<td>AYN507</td>
<td>Business Law Honours</td>
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<tr>
<td>BSN500</td>
<td>Research Methods</td>
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<tr>
<td>EFN401</td>
<td>Advanced Financial Institutions Management</td>
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<td>EFN500</td>
<td>Contemporary Macroeconomic Theories</td>
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<tr>
<td>EFN502</td>
<td>Development in Microeconomic Theories</td>
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<td>EFN504</td>
<td>Finance Honours</td>
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<td>EFN505</td>
<td>Financial Risk Management</td>
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**Semester 2**

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<tr>
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<tr>
<td>AYN402</td>
<td>Accounting Information Systems (PY)</td>
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<td>AYN413</td>
<td>Computer Auditing</td>
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<td>AYN419</td>
<td>Financial Modelling</td>
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<td>AYN421</td>
<td>Indirect Taxation</td>
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<tr>
<td>AYN422</td>
<td>Insolvency &amp; Reconstruction (PY)</td>
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<tr>
<td>AYN423</td>
<td>Internal Auditing</td>
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<td>AYN424</td>
<td>International Accounting</td>
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<td>AYN425</td>
<td>International Taxation</td>
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<td>AYN426</td>
<td>Legal Environment of Business</td>
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<td>AYN427</td>
<td>Liquidations &amp; Receivership</td>
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<td>AYN429</td>
<td>Management Accounting (PY)</td>
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<tr>
<td>AYN435</td>
<td>Taxation 1A (PY) (Note: Classes begin in October)</td>
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<td>AYN442</td>
<td>Superannuation</td>
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<tr>
<td>EFN410</td>
<td>Economic &amp; Financial Modelling</td>
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<td>EFN501</td>
<td>Corporate &amp; Commercial Lending</td>
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<tr>
<td>EFN506</td>
<td>Advanced International Finance</td>
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</tr>
<tr>
<td>EFN507</td>
<td>Advanced Capital Budgeting</td>
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</tr>
</tbody>
</table>

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**Graduate Diploma in Applied Finance (BS96)**

**Location:** Gardens Point campus  
**Course Duration:** 4 semesters part-time  
**Total Credit Points:** 96  
**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Dr Jennifer Radbourne  
**Major Coordinator:** Mr Mark Christensen

**Entry Requirements**

Applicants should hold an undergraduate degree, except in Finance, from a recognised tertiary institution or equivalent.

**Special Entry**

A limited number of places will be available to applicants who have successfully completed either a Graduate Certificate in Management, with a major in Finance offered by the School of Economics and Finance; or the equivalent of post-graduate diploma studies in finance offered by a professional body.

Under special entry each applicant will be individually assessed. Applicants without a degree or formal qualifications but with extensive and/or relevant work experience will be considered for special entry.

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 the approval of the Director of Graduate Studies.

**Course Requirements**

Students must complete eight units (96 credit points total). The course can be undertaken, on a part-time basis, over four semesters.

**Course Structure**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFN405 Managerial Economics</td>
<td>12</td>
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</tr>
<tr>
<td>EFN406 Managerial Finance</td>
<td>12</td>
<td>3</td>
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</tbody>
</table>
Year 1, Semester 2
EFN414 International Finance 12 3
EFN415 Security Analysis 12 3

Year 2, Semester 1
EFN412 Advanced Managerial Finance 12 3
EFN413 Securities Law 12 3

Year 2, Semester 2
GSN204 Management & the Business Environment 12 3
Elective Unit 12 3

The Elective may be selected from any available postgraduate unit offered by the Faculty, subject to the approval of the Director of Graduate Studies.

Articulation with Masters Programs
Students who complete successfully the Graduate Diploma in Applied Finance can articulate into the Master of Applied Finance. Students who have completed the above course structure will need to undertake a further 48 credit points of specified study in order to gain a Master of Applied Finance.

Graduate Diploma in Business Administration (GS86)¹
Location: Gardens Point campus
Course Duration: 2 semesters full-time, 4 semesters part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Carol Dalglish

Entry Requirements
Eligibility for entry to will be considered by the Course Coordinator where applicants possess:
(i) Prior degree plus two years’ work experience; or
(ii) No prior degree plus five years’ appropriate business experience; or
(iii) Degree in a business related area with less than two years’ work experience.

For international students, as above, plus an English proficiency of:
(i) TOEFL ≥575
(ii) IELTS ≥6.5

International applicants whose TOEFL score is 550 - 575 (or IELTS 6.0 - 6.5) may be admitted into the MBA. However, they must complete 24 credit points of Business English at the QUT International College which will constitute a minor in Business English. To become more familiar with Australian business, they will also take the unit Doing Business in Australia in their first semester.

Full-time Course Structure
Students are advised to contact the Graduate School of Business for further information.

Part-time Course Structures
Students are advised to contact the Graduate School of Business for further information.

Exemptions/Substitutions
Students are advised to contact the Graduate School of Business for further information.

Graduate Diploma in Communication (BS72)
In the fields of Advertising, Organisational Communication and Public Relations.
Location: Gardens Point campus
Course Duration: 2 semesters full-time, 4 semesters part-time
Total Credit Points: 96

¹ Subject to final approval.
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Dr Jennifer Radbourne  
**Major Coordinator:** Dr Caroline Hatcher  

**Entry Requirements**  
A degree from a recognised tertiary institution or equivalent.

**Special Entry**  
A limited number of places will be available to practitioners in the relevant profession who, while possessing no formal degree, can demonstrate and document significant experiential grasp of their 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.

**Course Requirements**  
Bachelor of Business (Communication) graduates enrolling in this course must select a major different from their undergraduate major. These students also undertake CON406 Communication Strategies instead of CON420 Theories of Human Communication, and CON407 Communication Technology & Global Networks instead of CON404 Communication for Professionals. These students should seek approval from the Course Coordinator.

**ADVERTISING**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
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<tbody>
<tr>
<td>CON404 Communication Practice for Professionals</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON417 Seminar in Advertising Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON420 Theories of Human Communication^3</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

| Elective Unit 12                                            | 3             |

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON412 Contemporary Issues in Advertising</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON418 Seminar in Media Strategy</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON419 Strategies for Creative Advertising</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

| Elective Unit 12                                            | 3             |

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON417 Seminar in Advertising Management</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

| Elective Unit 12                                            | 3             |

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON412 Contemporary Issues in Advertising</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

| Elective Unit 12                                            | 3             |

**ORGANISATIONAL COMMUNICATION**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON404 Communication Practice for Professionals</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON410 Interpersonal Communication &amp; Negotiation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>CON420 Theories of Human Communication^3</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

| Elective Unit 12                                            | 3             |

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3 Refer to Course Requirements.
Year 1, Semester 2
COB332  Issues in Publishing  12  3
CON401  Advanced Organisational Communication  12  3
CON413  Issues in Intercultural Communication  12  3
Elective Unit

Part-Time Course Structure

Year 1, Semester 1
CON404  Communication Practice for Professionals  12  3
CON420  Theories of Human Communication  12  3

Year 1, Semester 2
CON401  Advanced Organisational Communication  12  3
CON413  Issues in Intercultural Communication  12  3

Year 2, Semester 1
CON410  Interpersonal Communication & Negotiation  12  3
Elective Unit  12  3

Year 2, Semester 2
COB332  Issues in Publishing  12  3
Elective Unit  12  3

PUBLIC RELATIONS

Full-Time Course Structure

Year 1, Semester 1
CON404  Communication Practice for Professionals  12  3
CON415  Public Relations Management  12  3
CON420  Theories of Human Communication  12  3
CON424  Public Relations Methods  12  3

Year 1, Semester 2
CON409  Financial Communication  12  3
CON414  Public Communication  12  3
Elective Unit  12  3
Elective Unit  12  3

Part-Time Course Structure

Year 1, Semester 1
CON404  Communication Practice for Professionals  12  3
CON415  Public Relations Management  12  3

Year 1, Semester 2
CON414  Public Communication  12  3
Elective Unit  12  3

Year 2, Semester 1
CON420  Theories of Human Communication  12  3
CON424  Public Relations Methods  12  3

Year 2, Semester 2
CON409  Financial Communication  12  3
Elective Unit  12  3

Elective Units
Students are recommended to select their elective units from another major in the Graduate Diploma in Communication. Any deviation to this should be approved by the Course Coordinator.

Articulation with Masters Programs
Students who successfully complete the Graduate Diploma in Communication in 1996 or later can articulate into either the Master of Business – Communication Studies (for those students without an undergraduate degree in Communication) OR the Master of Business with a major in Communication (for those students with a Communication undergraduate degree). Students who have completed the above course structure 3

Refer to Course Requirements.
will need to undertake a further 48 credit points of specified study in order to gain a Master of Business. Students who commenced their studies in BS72 prior to 1996 will be required to undertake additional credit points to be admitted to the Masters program. They should consult with the Course Coordinator for advice on articulation requirements in their case.

**Graduate Certificate in Management (BS30)**

**Location:** Gardens Point campus  
**Course Duration:** 1 semester full time, 2 semesters part-time  
**Total Credit Points:** 48  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Dr Carol Dalglish

**Entry Requirements**
Eligibility for entry will be considered by the Course Coordinator where applicants possess:
(i) Prior degree plus two years’ work experience; or
(ii) No prior degree plus five years’ appropriate business experience; or
(iii) Degree in a business related area with less than two years’ work experience.

For international students, as above, plus an English proficiency of:
(i) TOEFL ≥575  
(ii) IELTS ≥6.5

International applicants whose TOEFL score is 550 - 575 (or IELTS 6.0 - 6.5) may be admitted into the MBA. However, they must complete 24 credit points of Business English at the QUT International College which will constitute a minor in Business English. To become more familiar with Australian business, they will also take the unit Doing Business in Australia in their first semester.

**Full-time Course Structure**
Students are advised to contact the Graduate School of Business for further information.

**Part-time Course Structure**
Students are advised to contact the Graduate School of Business for further information.

**Exemptions/Substitutions**
Students are advised to contact the Graduate School of Business in the first instance.

**Graduate Certificate in Business (BS39)**


**Location:** Gardens Point campus.  
**Course Duration:** Normally 1 semester full time or 2 semesters part-time, depending on the specialisation undertaken and the availability of units. Students may take up to 4 semesters to complete the course.  
**Total Credit Points:** 48  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Dr Jennifer Radbourne

**Entry Requirements**
Applicants should have an appropriate undergraduate degree from a recognised tertiary institution. Applicants are advised to check the entry requirements defined under each specialisation below. Special entry without a degree but with professional and work experience may be available.

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1 *Subject to final approval.*
☐ Advertising
An undergraduate degree in an area other than Communication. (Available part-time only. First Semester entry only.)

☐ Arts Administration
An undergraduate degree. (Available part-time only. First or Second Semester entry.)

☐ Finance
An undergraduate degree in an area other than Finance. (Available part-time only. Semester 1 entry only.)

☐ Human Resource Management
An undergraduate degree with a major in Human Resource Management or approved equivalent study in organisational psychology or organisational behaviour. (First Semester entry full-time or part-time. Second Semester entry part-time only.)

☐ International Business
An undergraduate degree with a major in business or commerce or approved equivalent study in international relations, international politics and history, languages and cross-cultural communication. (First Semester entry full-time or part-time. Second Semester entry part-time only.)

☐ Marketing
An undergraduate degree with a major in Marketing or approved equivalent study in business, commerce, economics, communication, psychology or sociology. (First Semester entry full-time or part-time. Second Semester entry part-time only.)

☐ Organisational Communication
An undergraduate degree in an area other than Communication. (Available part-time only. First Semester entry only.)

☐ Public Policy
An undergraduate degree. (Available part-time only. First or Second Semester entry.)

☐ Public Relations
An undergraduate degree in an area other than Communication. (Available part-time only. First Semester entry only.)

Articulation
With approval of the relevant 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.

BS72 Graduate Diploma in Communication or BS88 Master of Business (Communication Studies) – for students completing the Graduate Certificate in Business specialising in Advertising, Organisational Communication or Public Relations.

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 – for students completing the Graduate Certificate in Business specialising in Marketing, Arts Administration, International Business or Human Resource Management.

IF64 Master of Public Policy – for students completing the Graduate Certificate in Business (Public Policy).

In addition, the Graduate Certificate in Business articulates to the Graduate Diploma in Business Administration or Master of Business Administration, provided students have a minimum of two years’ relevant work experience.

Course Requirements
Graduate Certificates consist of four units of 12 credit points each. Students take one of the following specialisations consisting of four units:
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester Offered</th>
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<tbody>
<tr>
<td>CON404</td>
<td>Communication Practice for Professionals</td>
<td>12</td>
<td>3</td>
<td>1</td>
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<tr>
<td>CON417</td>
<td>Seminar in Advertising Management</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>CON412</td>
<td>Contemporary Issues in Advertising</td>
<td>12</td>
<td>3</td>
<td>2</td>
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<td>CON418</td>
<td>Seminar in Media Strategy</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>CON419</td>
<td>Strategies for Creative Advertising</td>
<td>12</td>
<td>3</td>
<td>2</td>
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<tr>
<td>MIN400</td>
<td>Arts Administration &amp; Society</td>
<td>12</td>
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<td>1</td>
</tr>
<tr>
<td>MIN415</td>
<td>Marketing for Arts Administrators</td>
<td>12</td>
<td>3</td>
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<td>MIN430</td>
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<td>MIN419</td>
<td>Strategies for Creative Advertising</td>
<td>12</td>
<td>3</td>
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<tr>
<td>GSN203</td>
<td>Managerial Economics</td>
<td>12</td>
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<td>EFN406</td>
<td>Managerial Finance</td>
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<td>International Finance</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>EFN415</td>
<td>Security Analysis</td>
<td>12</td>
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<td>2</td>
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<tr>
<td>BSN408</td>
<td>Business &amp; the International Environment</td>
<td>12</td>
<td>3</td>
<td>1</td>
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<tr>
<td>MGN506</td>
<td>Contemporary Issues in HRM</td>
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<td>3</td>
<td>1</td>
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<tr>
<td>MIN403</td>
<td>Business in Asia</td>
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<td>3</td>
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<tr>
<td>MIN404</td>
<td>Business in Europe</td>
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<td>BSN400</td>
<td>Industry Analysis</td>
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<tr>
<td>MIN421</td>
<td>Seminars in International Marketing</td>
<td>12</td>
<td>3</td>
<td>2</td>
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<tr>
<td>MGN424</td>
<td>International Dimensions of HRM</td>
<td>12</td>
<td>3</td>
<td>2</td>
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<td>Seminars in Consumer Behaviour</td>
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<td>MIN422</td>
<td>Seminars in Marketing Management</td>
<td>12</td>
<td>3</td>
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<tr>
<td>MIN421</td>
<td>Seminars in International Marketing</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIN413</td>
<td>Market &amp; Business Research Methods</td>
<td>12</td>
<td>3</td>
<td>1</td>
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<td>MIN424</td>
<td>Seminars in Services Marketing</td>
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<td>3</td>
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<tr>
<td>CON421</td>
<td>Seminars in Integrated Marketing Communication</td>
<td>12</td>
<td>3</td>
<td>2</td>
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<tr>
<td>MGN423</td>
<td>Seminars in Product Innovation &amp; Development</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIN416</td>
<td>Policy Analysis</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MGN517</td>
<td>Program Management &amp; Evaluation</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MGN402</td>
<td>Government-Business Relations</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>CON404</td>
<td>Communication Practice for Professionals</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>CON415</td>
<td>Public Relations Management</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>
CON409 Financial Communication 12 3 2
OR
CON414 Public Communication 12 3 2
CON423 Corporate Writing 12 3 2
OR
CON424 Public Relations Methods 12 3 1

■ Graduate Certificate in Business Administration (GS87)\(^1\)

**Location:** Gardens Point campus

**Course Duration:** 1 semester full-time, 2 semesters part-time

**Total Credit Points:** 48

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Dr Carol Dalglish

**Entry requirements**

Eligibility for entry to the Graduate Certificate in Business Administration (GCBA) will be considered by the Course Coordinator where applicants possess:

(i) Prior degree plus 2 years’ work experience; or
(ii) No prior degree plus five years’ appropriate business experience; or
(iii) Degree in a business related area with less than 2 years’ work experience.

For international students, as above, plus English language proficiency as described below:

(i) TOEFL $\geq 575$
(ii) IELTS $\geq 6.5$

International applicants whose TOEFL score is 550 – 575 (or IELTS 6.0 – 6.5) may be admitted into the GCBA. However, they must complete 24 credit points of Business English at the QUT International College which will constitute a minor in Business English. To become more familiar with Australian business, they will also take Doing Business in Australia in their First Semester.

**Full-Time Course Structure**

Students are advised to contact the Graduate School of Business for further information.

**Part-Time Course Structure**

Students are advised to contact the Graduate School of Business for further information.

**Exemptions/Substitutions**

Students are advised to contact the Graduate School of Business in the first instance.

■ Bachelor of Business (Honours) (BS63)


**Location:** Gardens Point campus

**Course Duration:** 2 semesters full-time, 4 semesters part-time

**Total Credit Points:** 96

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Dr Neal Ryan

**Entry Requirements**

Applicants for admission to candidature for a Bachelor of Business (Honours) shall:

(i) hold a Bachelor of Business from QUT which includes a major in the area of intended Honours level study and shall have achieved a grade point average (GPA) of 5 or better in units studied in the three years of undergraduate study, or a qualification deemed equivalent; or

\(^1\) Subject to final approval.
(ii) have other qualifications and experience which is considered by the Dean to qualify for admission. Applications for admission to Honours will normally be at the end of the final year of the pass degree, or within 18 months of completing the pass degree.

Course Requirements
Students must complete four units (48 credit points) and a dissertation (48 credit points), as per the programs of study described below for the area of Honours study. Coursework units and dissertation will be graded on a 1-7 scale. The Course Coordinator, in conjunction with dissertation examiners and supervisors will recommend awards of 1st class, 2nd class division A, 2nd class division B, or 3rd class Honours on the basis of GPA to the Academic Board.

PROGRAM FOR ACCOUNTANCY, ECONOMICS AND BANKING & FINANCE
Students must complete three prescribed units (36 credit points), one elective (12 credit points) and a dissertation (48 credit points).

(i) **Compulsory Unit – All Students**
BSN500 Research Methods 12 3

(ii) **Units in Accountancy**
Two of the following units:
AYN505 Accounting Honours – A 12 3
AYN506 Accounting Honours – B 12 3
AYN507 Business Law Honours 12 3
OR

Units in Economics (Compulsory)
EFN500 Contemporary Macroeconomic Theories 12 3
EFN502 Developments in Microeconomic Theories 12 3
OR

Units in Banking and Finance (Compulsory)
EFN504 Finance Honours 12 3
EFN505 Financial Risk Management 12 3

(iii) **Electives**
The elective unit may be taken from any level 4 or 5 postgraduate unit offered by the Schools of Accountancy, and Economics and Finance, or by other Schools within the Faculty of Business, subject to the approval of the Course Coordinator or Head of School.

(iv) **Compulsory Dissertation – All Students**
BSN501 Dissertation 48

PROGRAM FOR COMMUNICATION
Students must complete four prescribed units (48 credit points) and a dissertation (48 credit points). Research can be undertaken in the fields of Advertising, Organisational Communication, and Public Relations.

(i) **Compulsory Units**
CON406 Communication Strategies 12 3
CON500 Qualitative Research Enquiry 12 3
BSN502 Research Methodology 12 3

(ii) **Compulsory Dissertation**
BSN501 Dissertation 48

(iii) **School Elective**
To be taken from any 12 credit point postgraduate unit offered by the School of Communication.

PROGRAM FOR HUMAN RESOURCE MANAGEMENT, INTERNATIONAL BUSINESS, MANAGEMENT & MARKETING
Under the umbrella of Management and Human Resource Management, students may undertake a dissertation in Industrial Relations or Public Sector Management. Details are available from the School Administration Officer, School of Management.

Under the umbrella of Marketing and International Business, students may be able to take specialised studies in Arts Administration, Fundraising, Industry Economics or Tourism. Details are available from the School Administration Officer, School of Marketing and International Business.
(i) **Compulsory Units – All Students**
BSN502 Research Methodology 12 3
BSN503 Research Seminars 12 3

(ii) **Two units from the area of Honours study:**

**Units in Human Resource Management (Compulsory)**
MGN506 Contemporary Issues in HRM 12 3
MGN508 HRM Cases 12 3

**Units in International Business (compulsory)**
Two of the following units (approved by the Course Coordinator)
MIN403 Business in Asia 12 3
MIN404 Business in Europe 12 3
MIN405 Business in North America (not offered in 1999) 12 3
MIN406 Comparative Regulatory Systems 12 3
MIN426 Special Topic – International Business 12 3

**Units in Management (compulsory)**
MGN501 Readings in Management 12 3
MGN507 Contemporary Issues in Management 12 3

**Units in Marketing (compulsory)**
Two of the following units (approved by the Course Coordinator):
MIN407 Contemporary Issues in Marketing 12 3
MIN414 Marketing Decision Systems 12 3
MIN419 Seminars in Consumer Behaviour 12 3
MIN422 Seminar in Marketing Management 12 3
MIN423 Seminars in Product Innovation & Development 12 3

**Available in Semester 3**
MIN411 Industry Competition & Network Analysis 12 3
MIN425 Seminars in Strategic Marketing 12 3
MIN429 Strategic Marketing Management 12 3

(iii) **Compulsory Dissertation – All Students**
BSN501 Dissertation 48

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**Bachelor of Business (BS56)**

**Note:** Students enrolled in pre-1996 courses should consult the 1995 Handbook and course summary sheets for course details.

**Location:** Gardens Point campus (all majors). Carseldine campus (Management and Human Resource Management majors only).

**Course Duration:** 3 years full-time, 6 years part-time

**Total Credit Points:** 288

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Ms Elizabeth McDade

**Major Coordinators:**

- **Accountancy:** Mr Robert Humphreys
- **Banking and Finance:** Mr Mark Christensen
- **Communication:** Ms Robina Xavier (Acting)
- **Economics:** Mr Eugene McCann
- **Human Resource Management:** Dr John Martin
- **International Business:** Mr Michael Cox
- **Management:** Dr Dianne Lewis
- **Marketing:** Mr Terry Euler

**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. Similarly, part-time students may only select units from those listed for Years 1 and 2 in the first two years of study. Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen major.

A student must enrol for more than one unit in any semester, unless they have the approval of the Dean.

It is Faculty of Business policy that a grade of 4 or higher is required in prerequisite units before a student can enrol in further units. Prerequisite requirements are provided in the unit synopsis and it is the student’s responsibility to ensure they are correctly enrolled.

Copies of Faculty Rules and Procedures are available from the Faculty of Business Enquiries Counter at Gardens Point in Z402, or Carseldine in C201. They are also distributed at Faculty orientation to all commencing students.

Course Requirements
Students commencing the Bachelor of Business must complete the following requirements:
(i) 24 units of equal weighting totalling 288 credit points
(ii) comprised of:
    (a) eight Faculty Core Units (refer to A below)
    (b) the relevant block of six Major Core Units (refer to B below)
    (c) one of the following:
        (i) Double Major (six units); or
        (ii) Extended Major (six units); or
        (iii) Specialisation (six units).
    (d) plus four electives or a minor of four units.

BACHELOR OF BUSINESS COURSE STRUCTURE

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2 and 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACULTY CORE</td>
<td>MAJOR</td>
</tr>
<tr>
<td>8 Units</td>
<td>6 Units</td>
</tr>
<tr>
<td>SPECIALISATION or DOUBLE MAJOR or EXTENDED MAJOR</td>
<td>ELECTIVES/ MINOR/ 4 Units</td>
</tr>
<tr>
<td>6 Units</td>
<td></td>
</tr>
</tbody>
</table>

To assist with enrolment procedures students are strongly advised to collect a course structure from the Faculty of Business Enquiries Counter at Gardens Point in Z402, or Carseldine in C201, once the specific combination of Major and Double Major/Extended Major/Specialisation has been determined.

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. Enquiries should be directed to the Faculty of Business Enquiries Office, Z402, Z Block, Gardens Point campus (telephone (07) 3864 2050, or to the Carseldine campus, C201, telephone (07) 3864 4604.

The course structure outlines a sequence of unit study and ensures that prerequisite requirements of a unit are satisfied.
### (A) FACULTY CORE UNITS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSB110</td>
<td>Accounting</td>
<td>12</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>BSB111</td>
<td>Business Ethics</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>BSB112</td>
<td>Introduction to Electronic Commerce</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>BSB113</td>
<td>Economics</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>BSB114</td>
<td>Government, Business &amp; Society</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>BSB115</td>
<td>Management, People &amp; Organisations</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>BSB116</td>
<td>Marketing &amp; International Business</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>BSB117</td>
<td>Professional Communication &amp; Negotiation</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
</tbody>
</table>

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

### (B) MAJOR CORE UNITS

#### Accountancy

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>AYB120</td>
<td>Business Law</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>AYB121</td>
<td>Financial Accounting</td>
<td>12</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>AYB220</td>
<td>Company Accounting</td>
<td>12</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>AYB225</td>
<td>Management Accounting 1</td>
<td>12</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>AYB301</td>
<td>Auditing</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>EFB101</td>
<td>Data Analysis for Business</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
</tbody>
</table>

#### Banking and Finance

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFB101</td>
<td>Data Analysis for Business</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>EFB102</td>
<td>Economics 2</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>EFB201</td>
<td>Australian Financial Markets</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EFB210</td>
<td>Finance 1</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>EFB307</td>
<td>Finance 2</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>EFB312</td>
<td>International Finance &amp; Economics</td>
<td>12</td>
<td>3</td>
<td>2</td>
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#### Communication

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>COB203</td>
<td>Communication Research Methods</td>
<td>12</td>
<td>3</td>
<td>1⁴ &amp; 2</td>
</tr>
<tr>
<td>COB213</td>
<td>Strategic Speech Communication</td>
<td>12</td>
<td>3</td>
<td>1⁴ &amp; 2</td>
</tr>
<tr>
<td>COB216</td>
<td>Theoretical Perspectives on Communication</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2⁴</td>
</tr>
<tr>
<td>COB217</td>
<td>Writing for the Communication Profession</td>
<td>12</td>
<td>3</td>
<td>1⁴ &amp; 2</td>
</tr>
<tr>
<td>COB309</td>
<td>Applied Communication Research</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2⁴</td>
</tr>
<tr>
<td>COB310</td>
<td>Communication Issues</td>
<td>12</td>
<td>3</td>
<td>1⁴ &amp; 2</td>
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#### Economics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFB101</td>
<td>Data Analysis for Business</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>EFB102</td>
<td>Economics 2</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>EFB202</td>
<td>Business Cycles &amp; Economic Growth</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>EFB211</td>
<td>Firms, Markets &amp; Resources</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>EFB305</td>
<td>Current Economic Policy Challenges</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>EFB314</td>
<td>International Trade &amp; Economic Competitiveness</td>
<td>12</td>
<td>3</td>
<td>2</td>
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</table>

#### Human Resource Management

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGB207</td>
<td>Managing Human Resources</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MGB211</td>
<td>Organisational Behaviour</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MGB220</td>
<td>Methods &amp; Analysis</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MGB221</td>
<td>Work &amp; Performance</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MGB320</td>
<td>Recruitment &amp; Selection 1</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MGB331</td>
<td>Training &amp; Development 1</td>
<td>12</td>
<td>3</td>
<td>2</td>
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</table>

#### International Business

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSB300</td>
<td>Management, the Firm &amp; International Business</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB202</td>
<td>Business and the World Economy</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB203</td>
<td>Comparative Regulatory Systems</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB211</td>
<td>Globalisation &amp; Business</td>
<td>12</td>
<td>3</td>
<td>2</td>
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</table>

and any one of the following pairs of area study units:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Hrs/Wk</th>
<th>Semester Offered</th>
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</thead>
<tbody>
<tr>
<td>MIB200</td>
<td>Asian Business Development</td>
<td>12</td>
<td>3</td>
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</tr>
<tr>
<td>MIB317</td>
<td>Contemporary Business in Asia</td>
<td>12</td>
<td>3</td>
<td>2</td>
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</tbody>
</table>

⁴ Indicates part-time/evening mode of offer for these Communication units.


**BUSINESS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hours/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIB208</td>
<td>European Business Development</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MIB300</td>
<td>Contemporary Business in Europe</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MIB219</td>
<td>North American Business Development (not offered in 1999)</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB301</td>
<td>Contemporary Business in North America (not offered in 1999)</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>

**Management**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hours/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGB207</td>
<td>Managing Human Resources</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MGB210</td>
<td>Operations, Production &amp; Service Management</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MGB211</td>
<td>Organisational Behaviour</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MGB220</td>
<td>Methods &amp; Analysis</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MGB303</td>
<td>Entrepreneurship</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MGB309</td>
<td>Strategic Management</td>
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<td>3</td>
<td>2</td>
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</table>

**Marketing**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hours/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFB101</td>
<td>Data Analysis for Business</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MIB204</td>
<td>Consumer Behaviour</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB213</td>
<td>International Marketing</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB217</td>
<td>Marketing Management</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
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<tr>
<td>MIB305</td>
<td>Market Research</td>
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<tr>
<td>MIB315</td>
<td>Strategic Marketing</td>
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<td>2</td>
</tr>
</tbody>
</table>

**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 if a unit has already been completed.

**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.

**Specialisation:** a coherent group of six specified units in a discipline area. Specialisations for business students may be chosen from a number of areas (refer to C below). Six units must be completed for a specialisation. An alternative specialisation option unit must be substituted if a unit has already been completed.

**Minor:** a coherent group of four specified units in a discipline area. A list of approved minors is available from the Faculty of Business Enquiries Counter at Gardens Point in Z402, or Carseldine in C201.

**Elective:** a unit of 12 credit points chosen from any degree course at QUT. Electives may also be taken at other recognised universities if the student obtains written approval from the Course Coordinator and the Head of School.

**(C) SPECIALISATIONS FOR BUSINESS MAJORS**

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. Enquiries should be directed to the Faculty of Business Enquiries Office, Z402, Z Block, Gardens Point campus (telephone (07) 3864 2050, or to the Carseldine campus, C201, telephone (07) 3864 4604.

**Accounting (ACS)**

**(Business students without an Accountancy Major)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hours/Wk</th>
<th>Semester Offered</th>
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<td>AYB121</td>
<td>Financial Accounting</td>
<td>12</td>
<td>4</td>
<td>1 &amp; 2</td>
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<tr>
<td>AYB220</td>
<td>Company Accounting</td>
<td>12</td>
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<td>1 &amp; 2</td>
</tr>
<tr>
<td>AYB221</td>
<td>Computerised Accounting Systems</td>
<td>12</td>
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<td>1 &amp; 2</td>
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<tr>
<td>AYB225</td>
<td>Management Accounting 1</td>
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plus two of the following:

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<thead>
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<th>Contact Hours/Wk</th>
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<tbody>
<tr>
<td>AYB311</td>
<td>Financial Accounting Theory</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
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<tr>
<td>AYB313</td>
<td>Government Accounting</td>
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<td>2</td>
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<tr>
<td>AYB321</td>
<td>Management Accounting Theory</td>
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<td>3</td>
<td>1 &amp; 2</td>
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**Advertising (AVS)**

**(Business students without a Communication Major)**

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Points</th>
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<tbody>
<tr>
<td>COB216</td>
<td>Theoretical Perspectives on Communication</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
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<td>COB217</td>
<td>Writing for Communication Profession</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
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<tr>
<td>COB304</td>
<td>Advertising Copywriting</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>COB306</td>
<td>Advertising Management</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
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</table>


COB308  Advertising Theory & Practice  12  3  1 & 2
COB317  Media Planning  12  3  2

Analytical Techniques for Business (ANS)
(Business students with an Economics Major)

EFB200  Applied Regression Analysis  12  3  2
EFB213  Introduction to Analytical Techniques for Business  12  3  1
EFB214  Mathematical Applications in Economics & Finance  12  3  1
EFB304  Advanced Econometric Techniques  12  3  1
EFB322  Business Forecasting  12  3  2

plus one approved Economics or Finance unit (EFBxxx)
(subject to prerequisites and approval of the Economics Major Coordinator).

Analytical Techniques for Business (ANS)
(Business students without an Economics Major)

EFB101  Data Analysis for Business  12  3  1 & 2
EFB200  Applied Regression Analysis  12  3  2
EFB213  Introduction to Analytical Techniques for Business  12  3  1
EFB304  Advanced Econometric Techniques  12  3  1
EFB322  Business Forecasting  12  3  2

plus one approved Economics or Finance unit (EFBxxx)
(subject to prerequisites and approval of the Economics Major Coordinator).

Banking and Finance (BFS)
(Business students without a Banking and Finance Major)

EFB210  Finance 1  12  3  1 & 2
EFB307  Finance 2  12  3  1 & 2

plus four of the following:
AYB312  Financial Institutions Law  12  3  1
EFB201  Australian Financial Markets  12  3  1
EFB308  Finance 3  12  3  2
EFB309  Financial Derivatives  12  3  2
EFB310  Financial Institutions – Control  12  3  2
EFB311  Financial Institutions – Lending  12  3  1
EFB312  International Finance & Economics  12  3  2
EFB318  Portfolio & Security Analysis  12  3  1

Students should consult with the Banking & Finance Major coordinator before selecting four units from the above list.

Business Law (BLS)
(Business students without an Accountancy Major)

AYB120  Business Law  12  3  1 & 2
AYB223  Law of Business Associations  12  3  1 & 2
AYB325  Taxation Law  12  3  1 & 2

plus three of the following:
AYB305  Company Law & Practice  12  3  1 & 2
AYB312  Financial Institutions Law  12  3  1
AYB317  International Business Law  12  3  1
AYB328  Taxation Law 2  12  3  1 & 2

Economic Policy (EPS)
(Business students without an Economics Major)

EFB102  Economics 2  12  3  1 & 2
EFB211  Firms, Markets & Resources  12  3  1
EFB202  Business Cycles & Economic Growth  12  3  1

plus three of the following, including two units at Level 3 (EFB3xx):

EFB100  Australian Economic History  12  3
EFB207  Development of Economic Thought  12  3  1
EFB209  Environmental Economics: Issues & Policy  12  3  1
EFB215  Monetary Theory & Policy  12  3  2
EFB217  Transport & Communication Economics  12  3  2
EFB305  Current Economic Policy Challenges  12  3  2

4 Indicates part-time/evening mode of offer for these Communication units.
EFB313 International Macroeconomics 12 3 1
EFB314 International Trade & Economic Competitiveness 12 3 2
EFB317 Microeconomic Reform 12 3 2
EFB319 Public Sector Economics 12 3 1
EFB321 Special Topic – Economics 12 3

Electronic Commerce (subject to Faculty approval)
Please contact the School of Accountancy for further details.

International Business Analysis (IBS)
MIB203 Comparative Regulatory Systems 12 3 1
MIB212 Industry & Regional Analysis 12 3 1
MIB314 Strategic Business Analysis 12 3 2
plus one of the following groups of three industry or area focused options:
MIB200 Asian Business Development 12 3 1
MIB205 Cross Cultural Communication & Negotiation 12 3 2
MIB317 Contemporary Business in Asia 12 3 2
MIB205 Cross Cultural Communication & Negotiation 12 3 2
MIB208 European Business Development 12 3 1
MIB300 Contemporary Business in Europe 12 3 2
MIB205 Cross Cultural Communication & Negotiation 12 3 2
MIB219 North American Business Development (not offered in 1999) 12 3 1
MIB301 Contemporary Business in North America (not offered in 1999) 12 3 2
MIB225 Tourism 12 3 1
MIB226 Tourism Marketing 12 3 2
MIB316 Tourism Development 12 3 2
MIB221 Retail Industry (even numbered years) 12 3 1
MIB310 Retail Marketing (even numbered years) 12 3 1
MIB311 Services Marketing 12 3 1
MIB218 Marketing Sport & Recreation (even numbered years) 12 3 2
MIB222 Sport & Recreation Industries (odd numbered years) 12 3 1
MIB318 Management of Sport & Recreation (odd numbered years) 12 3 2
MIB223 Technology & International Business (odd numbered years) 12 3 1
MIB224 Technology & Marketing (odd numbered years) 12 3 1
MIB307 Product Innovation & Market Development 12 3 2
MIB209 Events Marketing 12 3 2
MIB226 Tourism Marketing 12 3 2
MIB302 Cultural Industries Analysis (not offered in 1999) 12 3 1

Language (LGS)
Students may study either French, German, Indonesian or Japanese, or seek approval to undertake a different language at another tertiary institution. Students undertaking a language specialisation must complete a minimum of four language units, plus either: two additional language units; or MIB205 Cross Cultural Communication & Negotiation, and one other International Business elective. Refer to the International Business major for details on units and codes.

Marketing (MGS)
(Business students without a Marketing Major)
MIB204 Consumer Behaviour 12 3 1
MIB217 Marketing Management 12 3 1 & 2
MIB315 Strategic Marketing 12 3 2
plus any three of the Marketing Extended Major units.

Marketing, Law and Finance (MLS)
(Business students without a Marketing Major)
AYB120 Business Law 12 3 1 & 2
EFB210 Finance 1 12 4 1 & 2
MIB217 Marketing Management 12 3 1 & 2
MIB311 Services Marketing 12 3 1
plus any two of the Marketing Extended Major units.
Organisational Communication (OCS)  
(Business students without a Communication Major)

- **COB204** Communication Technology for Organisations  
- **COB208** Intercultural Communication & Diversity  
- **COB216** Theoretical Perspectives on Communication  
- **COB318** Organisational Communication  

Then one of the following:

- **COB311** Comm. Practice: Interpersonal & Presentational Strategies  
- **COB314** Corporate Writing & Editing

Public Relations (PUS)  
(Business students without a Communication Major)

- **COB216** Theoretical Perspectives on Communication  
- **COB217** Writing for the Communication Profession  
- **COB235** Public Relations Theory & Practice  
- **COB237** Publication Management  
- **COB239** Publicity Methods

Then one of the following:

- **COB324** Public Relations Issues & Strategic Planning  
- **COB326** Public Relations Writing

Small Business and Enterprise Development (SMS)  
(subject to Faculty approval)  
(Business students without Management Major)

- **EFB218** Small Business Financial Management  
- **MGB218** Venture Skills  
- **MGB308** Entrepreneurship  
- **MGB307** Product Innovation & Market Development  
- **MGB323** Small Business Management  
- **MGB333** Small Business Concepts & Cases

Small Business and Enterprise Development (SMS)  
(subject to Faculty approval)  
(Business students with a Management Major)

- **EFB218** Small Business Financial Management  
- **MGB216** Technology Management  
- **MGB218** Venture Skills  
- **MGB307** Product Innovation & Market Development  
- **MGB323** Small Business Management  
- **MGB333** Small Business Concepts & Cases

Accountancy Major (ACA)

Professional Recognition

Students completing the Bachelor of Business (Accountancy) degree with an Extended Major in either Professional Accounting or Business Law and Taxation meet the academic requirements for Associate membership of the Australian Society of Certified Practising Accountants (ASCPA) and enrolment in the CPA examinations of the ASCPA and the Professional Year (PY) examinations of The Institute of Chartered Accountants in Australia.

Students completing the Business Computing Extended Major satisfy the requirements for Associate membership of the ASCPA and meet partially the academic requirements for Associate membership of the Australian Computer Society. To be eligible for enrolment in the CPA and PY examinations, such students must complete two additional units – AYB223 Law of Business Associations and AYB325 Taxation Law.

These programs are also accredited with the Institute of Chartered Secretaries and Administrators, and the Chartered Institute of Company Secretaries in Australia.

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4 Indicates part-time/evening mode of offer for these Communication units.
HONOURS YEAR (OPTIONAL)
Refer to the course outline of BS63 for details.

ACCOUNTANCY MAJOR
Full-Time Course Structure (for students not seeking professional recognition)

Year 1, Semester 1
BSB110  Accounting
BSB113  Economics
BSB114  Government, Business & Society
BSB116  Marketing & International Business

Year 1, Semester 2
AYB120  Business Law
AYB121  Financial Accounting
BSB112  Introduction to Electronic Commerce
Double Major/Specialisation unit

Year 2, Semester 1
AYB220  Company Accounting
AYB225  Management Accounting 1
BSB111  Business Ethics
EFB101  Data Analysis for Business

Year 2, Semester 2
BSB115  Management, People & Organisations
BSB117  Professional Communication & Negotiation
Double Major/Specialisation unit
Double Major/Specialisation unit

Year 3, Semester 1
AYB301  Auditing
Double Major/Specialisation unit
Double Major/Specialisation unit
Elective unit

Year 3, Semester 2
Double Major/Specialisation unit
Elective unit
Elective unit
Elective unit

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

ACCOUNTANCY MAJOR
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
Double Major/Specialisation unit

Year 2, Semester 1
BSB116  Marketing & International Business
BSB114  Government, Business & Society

Year 2, Semester 2
BSB112  Introduction to Electronic Commerce
AYB120  Business Law

Year 3, Semester 1
BSB111  Business Ethics
EFB101  Data Analysis for Business

Year 3, Semester 2
BSB115  Management, People & Organisations
Double Major/Specialisation unit
Year 4, Semester 1
AYB220 Company Accounting
AYB225 Management Accounting 1

Year 4, Semester 2
BSB117 Professional Communication & Negotiation
Double Major/Specialisation unit

Year 5, Semester 1
AYB301 Auditing
Double Major/Specialisation unit

Year 5, Semester 2
Double Major/Specialisation unit
Elective unit

Year 6, Semester 1
Double Major/Specialisation unit
Elective unit

Year 6, Semester 2
Elective unit
Elective unit

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

EXTENDED MAJOR IN PROFESSIONAL ACCOUNTING (PAX)
(for students seeking professional recognition)

Full-Time Course Structure

Year 1, Semester 1
BSB110 Accounting
BSB113 Economics
BSB114 Government, Business & Society
BSB116 Marketing & International Business

Year 1, Semester 2
AYB120 Business Law
AYB121 Financial Accounting
BSB112 Introduction to Electronic Commerce
EFB102 Economics 2

Year 2, Semester 1
AYB220 Company Accounting
AYB221 Computerised Accounting Systems
BSB111 Business Ethics
EFB101 Data Analysis for Business

Year 2, Semester 2
AYB223 Law of Business Associations
AYB225 Management Accounting 1
BSB115 Management, People & Organisations
BSB117 Professional Communication & Negotiation

Year 3, Semester 1
AYB301 Auditing
AYB325 Taxation Law
EFB210 Finance 1
Elective unit

Year 3, Semester 2
AYB311 Financial Accounting Theory
OR
AYB321 Management Accounting Theory
Elective unit
Elective unit
Elective unit

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.
(For students seeking professional recognition)

Part-Time Course Structure

**Year 1, Semester 1**
BSB110 Accounting  
BSB113 Economics

**Year 1, Semester 2**
AYB121 Financial Accounting  
EFB102 Economics 2

**Year 2, Semester 1**
BSB114 Government, Business & Society  
BSB116 Marketing & International Business

**Year 2, Semester 2**
AYB120 Business Law  
BSB112 Introduction to Electronic Commerce

**Year 3, Semester 1**
BSB111 Business Ethics  
EFB101 Data Analysis for Business

**Year 3, Semester 2**
AYB223 Law of Business Associations  
BSB115 Management, People & Organisations

**Year 4, Semester 1**
AYB220 Company Accounting  
AYB221 Computerised Accounting Systems

**Year 4, Semester 2**
AYB225 Management Accounting 1  
BSB117 Professional Communication & Negotiation

**Year 5, Semester 1**
AYB301 Auditing  
AYB325 Taxation Law

**Year 5, Semester 2**
AYB311 Financial Accounting Theory OR  
AYB321 Management Accounting Theory  
Elective unit

**Year 6, Semester 1**
EFB210 Finance 1  
Elective unit

**Year 6, Semester 2**
Elective unit  
Elective unit

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

**EXTENDED MAJOR IN BUSINESS LAW AND TAX (BLX)**

Full-Time Course Structure

**Year 1, Semester 1**
BSB110 Accounting  
BSB113 Economics  
BSB114 Government, Business & Society  
BSB116 Marketing & International Business

**Year 1, Semester 2**
AYB120 Business Law  
AYB121 Financial Accounting  
BSB112 Introduction to Electronic Commerce  
EFB102 Economics 2
### Year 2, Semester 1
- AYB220 Company Accounting
- AYB223 Law of Business Associations
- BSB111 Business Ethics
- EFB101 Data Analysis for Business

### Year 2, Semester 2
- AYB225 Management Accounting 1
- AYB325 Taxation Law
- BSB115 Management, People & Organisations
- BSB117 Professional Communication & Negotiation

### Year 3, Semester 1
- AYB301 Auditing
- EFB210 Finance 1
  - Extended Major Unit
- Extended Major Unit

### Year 3, Semester 2
- AYB221 Computerised Accounting Systems
- AYB311 Financial Accounting Theory
  - OR
- AYB321 Management Accounting Theory
  - Extended Major Unit
  - Extended Major Unit

*Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.*

### Part-Time Course Structure

### Year 1, Semester 1
- BSB110 Accounting
- BSB113 Economics

### Year 1, Semester 2
- AYB121 Financial Accounting
- EFB102 Economics 2

### Year 2, Semester 1
- BSB114 Government, Business & Society
- BSB116 Marketing & International Business

### Year 2, Semester 2
- AYB120 Business Law
- BSB112 Introduction to Electronic Commerce

### Year 3, Semester 1
- AYB223 Law of Business Associations
- BSB111 Business Ethics

### Year 3, Semester 2
- AYB325 Taxation Law
- BSB115 Management, People & Organisations

### Year 4, Semester 1
- AYB220 Company Accounting
- EFB101 Data Analysis for Business

### Year 4, Semester 2
- AYB225 Management Accounting 2
- BSB117 Professional Communication & Negotiation

### Year 5, Semester 1
- AYB301 Auditing
  - Extended Major Unit

### Year 5, Semester 2
- AYB311 Financial Accounting Theory OR
- AYB321 Management Accounting Theory
  - Extended Major Unit
Year 6, Semester 1
EFB210 Finance 1
Extended Major Unit

Year 6, Semester 2
AYB221 Computerised Accounting Systems
Extended Major Unit

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

Extended Major Units
AYB303 Commercial & Securities Law
AYB305 Company Law & Practice
AYB312 Financial Institutions Law
AYB316 Insolvency Law & Practice
AYB317 International Business Law
AYB318 International Taxation
AYB323 Tax Planning
AYB328 Taxation Law 2

EXTENDED MAJOR IN BUSINESS COMPUTING (BCX)
Full-Time Course Structure

Year 1, Semester 1
BSB110 Accounting
BSB113 Economics
BSB114 Government, Business & Society
BSB116 Marketing & International Business

Year 1, Semester 2
AYB121 Financial Accounting
BSB112 Introduction to Electronic Commerce
EFB102 Economics 2
ITB840 Introduction to Computing

Year 2, Semester 1
AYB220 Company Accounting
AYB221 Computerised Accounting Systems
BSB111 Business Ethics
EFB101 Data Analysis for Business

Year 2, Semester 2
AYB225 Management Accounting 1
BSB115 Management, People & Organisations
BSB117 Professional Communication & Negotiation
ITB222 Systems Analysis & Design 1

Year 3, Semester 1
AYB301 Auditing
EFB210 Finance 1
ITB221 Laboratory 3 (Commercial Programming) 5
ITB510 Communications Networks

Year 3, Semester 2
AYB120 Business Law
AYB309 Computer Security & Audit
AYB311 Financial Accounting Theory OR
AYB321 Management Accounting Theory
ITB242 Decision Support Systems

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

5 Students are advised that they may substitute ITB225 Introduction to Databases for ITB221 Laboratory 3 (Commercial Programming).
Part-Time Course Structure

Year 1, Semester 1
BSB110 Accounting
BSB113 Economics

Year 1, Semester 2
AYB121 Financial Accounting
EFB102 Economics 2

Year 2, Semester 1
BSB112 Introduction to Electronic Commerce
BSB114 Government, Business & Society

Year 2, Semester 2
BSB116 Marketing & International Business
ITB840 Introduction to Computing

Year 3, Semester 1
BSB111 Business Ethics
EFB101 Data Analysis for Business

Year 3, Semester 2
BSB115 Management, People & Organisations
ITB222 Systems Analysis & Design 1

Year 4, Semester 1
AYB220 Company Accounting
AYB221 Computerised Accounting Systems

Year 4, Semester 2
AYB225 Management Accounting 1
BSB117 Professional Communication & Negotiation

Year 5, Semester 1
AYB301 Auditing
ITB221 Laboratory 3 (Commercial Programming)\(^5\)

Year 5, Semester 2
AYB309 Computer Security & Audit
AYB311 Financial Accounting Theory
OR
AYB321 Management Accounting Theory

Year 6, Semester 1
EFB210 Finance 1
ITB510 Communications Networks

Year 6, Semester 2
AYB120 Business Law
ITB242 Decision Support Systems

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

□ Banking and Finance Major (BKF)

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 risk management. Four electives are available for another area of study.

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.

\(^5\) Students are advised that they may substitute ITB225 Introduction to Databases for ITB221 Laboratory 3 (Commercial Programming).
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 Enquiries counters. Enrolment advice is available from the School of Economics and Finance (Level 8, Z Block, Gardens Point).

Professional Recognition
The Extended Major in Banking or the Extended Major in Funds Management is recognised as satisfying the academic requirements for Senior Associate Membership of the Australian Institute of Banking and Finance. 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 the Chartered Institute of Company Secretaries in Australia.

Students completing the Bachelor of Business (Banking and Finance) with a double major in Accountancy as well as AYB223 Law of Business Associations, AYB325 Taxation Law and AYB311 Financial Accounting Theory or AYB321 Management Accounting Theory and either EFB310 Financial Institutions – Control and EFB311 Financial Institutions – Lending OR EFB308 Finance 3 and EFB318 Portfolio & Security Analysis, are recognised as satisfying the academic requirements for Associate membership of the ASCPA as well as Senior Associate Membership of the Australian Institute of Banking and Finance.

Students completing the Bachelor of Business (Banking and 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 AYB120 Business Law and AYB312 Financial Institutions Law as elective units) can expect to gain admission to Senior Associate Membership of the Australian Institute of Banking and Finance as well as professional membership of the Economic Society of Australia (Qld).

HONOURS YEAR (OPTIONAL)
Refer to the course outline of BS63 for details. Students undertaking Honours in Banking & Finance are strongly advised to include the unit, EFB200 Applied Regression Analysis, in their undergraduate program.

BANKING AND FINANCE MAJOR - Full-Time Course Structure

**Year 1, Semester 1**
- BSB112 Introduction to Electronic Commerce
- BSB113 Economics
- BSB114 Government, Business & Society
- BSB116 Marketing & International Business

**Year 1, Semester 2**
- BSB110 Accounting
- BSB115 Management, People & Organisations
- EFB101 Data Analysis for Business
- EFB102 Economics 2

**Year 2, Semester 1**
- BSB111 Business Ethics
- BSB117 Professional Communication & Negotiation
- 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 Australian Financial Markets
  - Double Major/Extended Major/Specialisation unit
  - Double Major/Extended Major/Specialisation unit
  - Elective unit
Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

BANKING AND FINANCE MAJOR – Part-Time Course Structure

Year 1, Semester 1
BSB112 Introduction to Electronic Commerce
BSB113 Economics

Year 1, Semester 2
BSB115 Management, People & Organisations
EFB102 Economics 2

Year 2, Semester 1
BSB114 Government, Business & Society
BSB116 Marketing & International Business

Year 2, Semester 2
BSB110 Accounting
EFB101 Data Analysis for Business

Year 3, Semester 1
BSB111 Business Ethics
EFB210 Finance 1

Year 3, Semester 2
Double Major/Extended Major/Specialisation unit
Double Major/Extended Major/Specialisation unit

Year 4, Semester 1
EFB307 Finance 2
Elective unit

Year 4, Semester 2
BSB117 Professional Communication & Negotiation
Double Major/Extended Major/Specialisation unit

Year 5, Semester 1
EFB201 Australian 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 & Economics
Double Major/Extended Major/Specialisation unit

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

EXTENDED MAJORS FOR THE MAJOR IN BANKING AND FINANCE

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<th>Contact Hrs/ Wk</th>
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Banking (BFX)

Full-time
AYB120 Business Law
AYB225 Management Accounting 1
EFB311 Financial Institutions – Lending
EFB310 Financial Institutions – Control
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<tr>
<td>EFB301</td>
<td>Advanced Lending</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>EFB308</td>
<td>Finance 3</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>EFB309</td>
<td>Financial Derivatives</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>EFB315</td>
<td>Issues in Finance</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EFB318</td>
<td>Portfolio &amp; Security Analysis</td>
<td>12</td>
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**Banking Extended Major Options**

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
<th>Year</th>
<th>Semester</th>
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<tbody>
<tr>
<td>EFB200</td>
<td>Applied Regression Analysis</td>
<td>12</td>
<td>3</td>
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<tr>
<td>EFB301</td>
<td>Advanced Lending</td>
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<td>3</td>
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</tr>
<tr>
<td>EFB308</td>
<td>Finance 3</td>
<td>12</td>
<td>3</td>
<td>2</td>
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</tr>
<tr>
<td>EFB315</td>
<td>Issues in Finance</td>
<td>12</td>
<td>3</td>
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<tr>
<td>EFB318</td>
<td>Portfolio &amp; Security Analysis</td>
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**Funds Management (FDX)**

<table>
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<tbody>
<tr>
<td>EFB312</td>
<td>Financial Institutions Law</td>
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<td>EFB200</td>
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<td>EFB310</td>
<td>Financial Institutions – Control</td>
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<td>EFB311</td>
<td>Financial Institutions – Lending</td>
<td>12</td>
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<td>EFB315</td>
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**Funds Management Extended Major Options**

<table>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
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<td>Australian Financial Markets</td>
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<td>EFB206</td>
<td>Corporate Finance</td>
<td>12</td>
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<td>EFB210</td>
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<td>1 &amp; 2</td>
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<td>3</td>
<td>2</td>
</tr>
<tr>
<td>EFB307</td>
<td>Finance 2</td>
<td>12</td>
<td>3</td>
<td>1 &amp; 2</td>
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<tr>
<td>EFB308</td>
<td>Finance 3</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>EFB309</td>
<td>Financial Derivatives</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>EFB312</td>
<td>International Finance &amp; Economics</td>
<td>12</td>
<td>3</td>
<td>2</td>
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<tr>
<td>EFB318</td>
<td>Portfolio &amp; Security Analysis</td>
<td>12</td>
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</table>

**Communication Major (CMU)**

**Professional Recognition**

The BBus (Communication) with extended major in Advertising course is accredited by the Advertising Institute of Australia. It is also endorsed by the Advertising Federation of Australia, the Australian Association of National Advertisers and the Australian Direct Marketing Association. Graduates are eligible for Associate Membership (Dip) of the Advertising Institute of Australia.

Graduates of the BBus (Communication) with extended major in Organisational Communication course may become members of the Society of Business Communicators, Australian Institute of Training and Development and other similar professional organisations.
Students of the Public Relations Extended Major meet the requirements of membership of a number of professional bodies. These include the Public Relations Institute of Australia and the Society of Business Communicators, as well as associated and international bodies. Details of such memberships can be obtained through the School of Communication.

**HONOURS YEAR (OPTIONAL)**
Refer to the course outline of BS63 for details.

**COMMUNICATION MAJOR – Full-Time Course Structure**

### Year 1, Semester 1
- BSB112 Introduction to Electronic Commerce
- BSB114 Government, Business & Society
- BSB115 Management, People & Organisations
- BSB117 Professional Communication & Negotiation

### Year 1, Semester 2
- BSB110 Accounting
- BSB116 Marketing & International Business
- COB213 Strategic Speech Communication
- COB217 Writing for the Communication Profession

### Year 2, Semester 1
- BSB113 Economics
- COB216 Theoretical Perspectives on Communication
  - Double Major/Extended Major/Specialisation unit
  - Double Major/Extended Major/Specialisation unit

### Year 2, Semester 2
- BSB111 Business Ethics
- COB203 Communication Research Methods
  - Double Major/Extended Major/Specialisation unit
  - Double Major/Extended Major/Specialisation unit

### Year 3, Semester 1
- COB309 Applied Communication Research
  - Double Major/Extended Major/Specialisation unit
  - Elective unit
  - Elective unit

### Year 3, Semester 2
- COB310 Communication Issues
  - Double Major/Extended Major/Specialisation unit
  - Elective unit
  - Elective unit

*Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.*

**COMMUNICATION MAJOR – Part-Time Course Structure**

Students wishing to undertake an Advertising Extended Major should contact the School Administration Officer before commencing Year 3.

### Year 1, Semester 1
- BSB112 Introduction to Electronic Commerce
- BSB115 Management, People & Organisations

### Year 1, Semester 2
- BSB114 Government, Business & Society
- BSB117 Professional Communication & Negotiation

### Year 2, Semester 1
- BSB110 Accounting
- COB217 Writing for the Communication Profession

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6 *Those students undertaking an Organisational Communication Extended Major will need to study an elective unit in Year 2, Semester 2 and the Extended Major unit in Year 3, Semester 1.*
**Year 2, Semester 2**
BSB113  Economics
COB216  Theoretical Perspectives on Communication

**Year 3, Semester 1**
BSB116  Marketing & International Business
COB213  Strategic Speech Communication

**Year 3, Semester 2**
Double Major/Extended Major/Specialisation unit
Double Major/Extended Major/Specialisation unit

**Year 4, Semester 1**
COB203  Communication Research Methods
Double Major/Extended Major/Specialisation unit

**Year 4, Semester 2**
BSB111  Business Ethics
Double Major/Extended Major/Specialisation unit

**Year 5, Semester 1**
Double Major/Extended Major/Specialisation unit
Elective unit

**Year 5, Semester 2**
COB309  Applied Communication Research
Elective unit*

**Year 6, Semester 1**
COB310  Communication Issues
Double Major/Extended Major/Specialisation unit

**Year 6, Semester 2**
Elective unit
Elective unit

* Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

**EXTENDED MAJORS FOR THE MAJOR IN COMMUNICATION**

<table>
<thead>
<tr>
<th>Advertising (ADX)</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester Offered</th>
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<tbody>
<tr>
<td><strong>Full-time</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>COB308  Advertising Theory &amp; Practice</td>
<td>12</td>
<td>3</td>
<td>Yr 2/S 1</td>
</tr>
<tr>
<td>COB304  Advertising Copywriting</td>
<td>12</td>
<td>3</td>
<td>Yr 2/S 2</td>
</tr>
<tr>
<td>COB317  Media Planning</td>
<td>12</td>
<td>3</td>
<td>Yr 2/S 2</td>
</tr>
<tr>
<td>COB306  Advertising Management</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 1</td>
</tr>
<tr>
<td>COB315  Direct Response Advertising OR</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 1</td>
</tr>
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<td>COB307  Advertising Regulations &amp; Ethics</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 1 or 2</td>
</tr>
<tr>
<td>COB303  Advertising Campaigns</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 2</td>
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<td><strong>Part-time</strong></td>
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<tr>
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<td>COB304  Advertising Copywriting</td>
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<tr>
<td>COB317  Media Planning</td>
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<td>Yr 3/S 2</td>
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<td>COB315  Direct Response Advertising OR</td>
<td>12</td>
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<td>COB307  Advertising Regulations &amp; Ethics</td>
<td>12</td>
<td>3</td>
<td>Yr 5/S 2</td>
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<td>COB306  Advertising Management</td>
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<tr>
<td>COB303  Advertising Campaigns</td>
<td>12</td>
<td>3</td>
<td>Yr 6/S 2</td>
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<th>Organisational Communication (OCX)</th>
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<th>Semester Offered</th>
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<tr>
<td><strong>Full-time</strong></td>
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<tr>
<td>COB204  Communication Technology for Organisations</td>
<td>12</td>
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<td>Yr 2/S 1</td>
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<tr>
<td>COB208  Intercultural Communication &amp; Diversity</td>
<td>12</td>
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<td>Yr 2/S 1</td>
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<tr>
<td>COB318  Organisational Communication</td>
<td>12</td>
<td>3</td>
<td>Yr 2/S 2</td>
</tr>
</tbody>
</table>

7 Those students undertaking an Organisational Communication Extended Major will need to study an elective unit in Year 5, Semester 1 and the Extended Major unit in Year 5, Semester 2.
Economics Major (ECO)

The School of Economics and Finance recommends the following course combinations which provide excellent professional recognition and career opportunities:

The extended major in Advanced Economic Analysis provides the opportunity for in-depth, comprehensive study of current policy issues affecting both the private and public sectors. Emphasis is given to the overriding importance that international economic conditions play in determining the prosperity of Australia. Four electives are available for another area of study.

The Bachelor of Business (Economics) with a specialisation in Analytical Techniques for Business builds on the appreciation of the role of economic thinking in sound business decision making that the Economics major provides. Increasingly, effective business and government decision making demands the advanced data analytical skills with which graduates of this specialisation will be equipped.

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.

Course structures for these combinations are available at the Faculty Enquiries counters. Enrolment advice is available from the School of Economics and Finance (Level 8, Z Block, Gardens Point).

Professional Recognition

This major satisfies the academic requirements for ordinary membership of the Economic Society of Australia and, with the completion of the extended major in Advanced Economic Analysis, for professional membership of the Queensland Division of the Economic Society, the Chartered Institute of Transport, the Market Research Society and the Australian Marketing Institute. It also partially fulfills the requirements for membership of the Australian Institute of Banking and Finance (AIBF).

In addition to qualifying for ordinary membership of the Economic Society of Australia and professional membership of the Queensland division of the Economic Society, students completing the Bachelor of Business (Economics) with a double major in Banking and Finance can also qualify for Senior Associate Membership of the Australian Institute of Banking and Finance by either (a) including EFB311 Financial Institutions – Lending and EFB310 Financial Institutions – Control as substitute major core units with
AYB120 Business Law and AYB312 Financial Institutions Law as electives, OR (b) including EFB308 Finance 3 and EFB318 Portfolio & Security Analysis as substitute major core units.

HONOURS YEAR (OPTIONAL)
Refer to the course outline of BS63 for details. Students of the Economics major of the Bachelor of Business, intending to do Honours in Economics, must complete the core units of the major and, in addition, are strongly recommended to undertake EFB200 Applied Regression Analysis and at least two other Level 2 or Level 3 Economics units.

ECONOMICS MAJOR – Full-Time Course Structure

**Year 1, Semester 1**
- BSB112 Introduction to Electronic Commerce
- BSB113 Economics
- BSB116 Marketing & International Business
- EFB101 Data Analysis for Business

**Year 1, Semester 2**
- BSB110 Accounting
- BSB114 Government, Business & Society
- BSB115 Management, People & Organisations
- EFB102 Economics 2

**Year 2, Semester 1**
- BSB111 Business Ethics
- EFB202 Business Cycles & Economic Growth
- EFB211 Firms, Markets & Resources
- Double Major/Extended Major/Specialisation unit

**Year 2, Semester 2**
- BSB117 Professional Communication & Negotiation
- EFB305 Current Economic Policy Challenges
- EFB314 International Trade & Economic Competitiveness
- 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

*Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.*

ECONOMICS MAJOR – Part-Time Course Structure

**Year 1, Semester 1**
- BSB112 Introduction to Electronic Commerce
- BSB113 Economics

**Year 1, Semester 2**
- BSB115 Management, People & Organisations
- EFB102 Economics 2

**Year 2, Semester 1**
- BSB116 Marketing & International Business
- EFB101 Data Analysis for Business

**Year 2, Semester 2**
- BSB110 Accounting
- BSB114 Government, Business & Society

**Year 3, Semester 1**
- EFB202 Business Cycles & Economic Growth
- EFB211 Firms, Markets & Resources
Year 3, Semester 2
EFB305  Current Economic Policy Challenges
EFB314  International Trade & Economic Competitiveness

Year 4, Semester 1
BSB111  Business Ethics
Double Major/Extended Major/Specialisation unit

Year 4, Semester 2
BSB117  Professional Communication & 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

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

EXTENDED MAJORS FOR THE MAJOR IN ECONOMICS

Advanced Economic Analysis (ECX)  

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<td>Points</td>
<td>Hrs/ Wk</td>
<td>Offered</td>
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Compulsory units
EFB313  International Macroeconomics  12  3  1
EFB317  Microeconomic Reform  12  3  2
plus four units from either the Qualitative Stream or Quantitative Stream as listed below:

Qualitative Stream
EFB207  Development of Economic Thought  12  3  1
EFB209  Environmental Economics: Issues & Policy  12  3  1
EFB215  Monetary Theory & Policy  12  3  2
EFB217  Transport & Communication Economics  12  3  2
EFB319  Public Sector Economics  12  3  1

Quantitative Stream
EFB200  Applied Regression Analysis  12  3  2
EFB213  Intro. to Analytical Techniques for Business  12  3  1
EFB214  Mathematical Applications in Economics & Finance  12  3  1
EFB304  Advanced Econometric Techniques  12  3  1
EFB322  Business Forecasting  12  3  2

OR, alternatively, two units from each of the above two lists for those wanting a combination.

Economics units offered by the School of Economics & Finance

EFB101  Data Analysis for Business  12  3  1 & 2
EFB102  Economics 2  12  3  1 & 2
EFB200  Applied Regression Analysis  12  3  2
EFB202  Business Cycles & Economic Growth  12  3  1
EFB207  Development of Economic Thought  12  3  1
EFB209  Environmental Economics: Issues & Policy  12  3  1
EFB211  Firms, Markets & Resources  12  3  1
EFB213  Introduction to Analytical Techniques for Business  12  3  1
EFB214  Mathematical Applications in Economics & Finance  12  3  1
EFB215  Monetary Theory & Policy  12  3  2
EFB217 Transport & Communication Economics 12 3
EFB304 Advanced Econometric Techniques 12 3 1
EFB305 Current Economic Policy Challenges 12 3 2
EFB313 International Macroeconomics 12 3 1
EFB314 International Trade & Economic Competitiveness 12 3 2
EFB317 Microeconomic Reform 12 3 2
EFB319 Public Sector Economics 12 3 1
EFB322 Business Forecasting 12 3 2

□ Human Resource Management Major (HRM)

Professional Recognition
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. Maximum time credit towards chartered membership grading of the Australian Human Resources Institute can be achieved by completion of several additional units or by completion of the extended major in Human Resource Management.

HONOURS YEAR (OPTIONAL)
Refer to the course outline of BS63 for details.

HUMAN RESOURCE MANAGEMENT MAJOR – Full-Time Course Structure

Year 1, Semester 1
BSB112 Introduction to Electronic Commerce
BSB114 Government, Business & Society
BSB115 Management, People & Organisations
BSB117 Professional Communication & Negotiation

Year 1, Semester 2
BSB116 Marketing & International Business
MGB207 Managing Human Resources
MGB211 Organisational Behaviour
MGB220 Methods & Analysis

Year 2, Semester 1
BSB110 Accounting
BSB113 Economics
MGB221 Work & Performance
Double Major/Extended Major/Specialisation unit

Year 2, Semester 2
BSB111 Business Ethics
MGB331 Training & Development 1
MGB320 Recruitment & Selection 1
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

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

HUMAN RESOURCE MANAGEMENT MAJOR – Part-Time Course Structure

Year 1, Semester 1
BSB114 Government, Business & Society
BSB115 Management, People & Organisations
Year 1, Semester 2
BSB116 Marketing & International Business
MGB220 Methods & Analysis

Year 2, Semester 1
BSB112 Introduction to Electronic Commerce
BSB117 Professional Communication & Negotiation

Year 2, Semester 2
MGB207 Managing Human Resources
MGB211 Organisational Behaviour

Year 3, Semester 1
BSB110 Accounting
BSB113 Economics

Year 3, Semester 2
BSB111 Business Ethics
Elective unit

Year 4, Semester 1
MGB221 Work & Performance
Double Major/Extended Major/Specialisation unit

Year 4, Semester 2
MGB320 Recruitment & Selection 1
Double Major/Extended Major/Specialisation unit

Year 5, Semester 1
Double Major/Extended Major/Specialisation unit
Elective unit

Year 5, Semester 2
MGB331 Training & Development 1
Elective unit

Year 6, Semester 1
Double Major/Extended Major/Specialisation unit
Elective unit

Year 6, Semester 2
Double Major/Extended Major/Specialisation unit
Double Major/Extended Major/Specialisation unit

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

EXTENDED MAJORS FOR THE MAJOR IN HUMAN RESOURCE MANAGEMENT

<table>
<thead>
<tr>
<th>Human Resource Management (HRX)</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td><strong>Full-time</strong></td>
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</tr>
<tr>
<td>MGB201 Employment Regulation &amp; Administration</td>
<td>12</td>
<td>3</td>
<td>Yr 2/S 1</td>
</tr>
<tr>
<td>MGB300 Advanced Organisational Behaviour</td>
<td>12</td>
<td>3</td>
<td>Yr 2/S 2</td>
</tr>
<tr>
<td>MGB315 Personal &amp; Professional Development</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 1</td>
</tr>
<tr>
<td>MGB305 Human Resource Management Strategy &amp; Policy</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 2</td>
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<tr>
<td>MGB209 Occupational Health &amp; Safety</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 1</td>
</tr>
<tr>
<td>MGB304 Human Resource Planning &amp; Information Systems</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 1</td>
</tr>
<tr>
<td>MGB312 Negotiation &amp; Collective Bargaining</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 1</td>
</tr>
<tr>
<td>MGB314 Organisational Consulting &amp; Counselling</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 1</td>
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<tr>
<td>MGB321 Recruitment &amp; Selection 2</td>
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<td>Yr 3/S 1</td>
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<td>MGB322 Remuneration Management</td>
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<td>3</td>
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<td>plus one of the following:</td>
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<tr>
<td>MGB202 Equity &amp; Diversity Management</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 2</td>
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<tr>
<td>MGB307 International Human Resource Management</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 2</td>
</tr>
<tr>
<td>MGB313 Organisational Change &amp; Development</td>
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<td>Yr 3/S 2</td>
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<tr>
<td>MGB325 Training &amp; Development 2</td>
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<td>Yr 3/S 2</td>
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<tr>
<td>MGB332 Australian Industrial Relations</td>
<td>12</td>
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</table>
**International Business Major (INB)**

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 structure options are described below. 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.

All International Business majors must undertake one of the following units, either within a double major or specialisation, or as an elective:

(i) EFB101 Data Analysis for Business, OR
(ii) MGB220 Methods & Analysis

**HONOURS YEAR (OPTIONAL)**

Refer to the course outline of BS63 for details.

**INTERNATIONAL BUSINESS MAJOR – Full-Time Course Structure**

**Option One: No Languages**

**Year 1, Semester 1**

BSB113  Economics
BSB115  Management, People & Organisations
BSB116  Marketing & International Business
BSB117  Professional Communication & Negotiation

**Year 1, Semester 2**

BSB112  Introduction to Electronic Commerce
BSB114  Government, Business & Society
MIB202  Business & the World Economy
MIB211  Globalisation & Business

**Year 2, Semester 1**

BSB111  Business Ethics
BSB110  Accounting
MIB203  Comparative Regulatory Systems

Double Major/Extended Major/Specialisation unit

**Year 2, Semester 2**

BSB300  Management, the Firm & International Business

Double Major/Extended Major/Specialisation unit
Double Major/Extended Major/Specialisation unit
Elective unit
INTERNATIONAL BUSINESS MAJOR – Part-Time Course Structure

Option One: No Languages

Year 1, Semester 1
BSB114 Government, Business & Society
BSB116 Marketing & International Business

Year 1, Semester 2
BSB110 Accounting
BSB115 Management, People & Organisations

Year 2, Semester 1
BSB112 Introduction to Electronic Commerce
BSB113 Economics

Year 2, Semester 2
MIB202 Business & the World Economy
MIB211 Globalisation & Business

Year 3, Semester 1
MIB203 Comparative Regulatory Systems
Double Major/Extended Major/Specialisation unit

Year 3, Semester 2
BSB111 Business Ethics
Double Major/Extended Major/Specialisation unit

Year 4, Semester 1
BSB117 Professional Communication & Negotiation
Double Major/Extended Major/Specialisation unit

Year 4, Semester 2
BSB300 Management, the Firm & International Business
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
Elective unit
Elective unit

Year 6, Semester 1
Area Study 1
Elective unit

Year 6, Semester 2
Area Study 2
Elective unit

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.
INTERNATIONAL BUSINESS MAJOR – Full-Time Course Structure
Option Two: Language Specialisation

Year 1, Semester 1
BSB113  Economics
BSB115  Management, People & Organisations
BSB116  Marketing & International Business
Language 1

Year 1, Semester 2
BSB114  Government, Business & Society
MIB202  Business & the World Economy
MIB211  Globalisation & Business
Language 2

Year 2, Semester 1
BSB110  Accounting
BSB112  Introduction to Electronic Commerce
MIB203  Comparative Regulatory Systems
Language 3

Year 2, Semester 2
BSB117  Professional Communication & Negotiation
BSB300  Management, the Firm & International Business
Elective unit
Language 4

Year 3, Semester 1
Area Study 1
EFB101  Data Analysis for Business OR
MGB220  Methods & Analysis
Elective unit
plus one of the following:
Language 5 OR
International Business Elective unit

Year 3, Semester 2
Area Study 2
BSB111  Business Ethics
Elective unit
plus one of the following:
Language 6 (if Language 5 undertaken) OR
MIB205  Cross Cultural Communication & Negotiation

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

INTERNATIONAL BUSINESS MAJOR – Part-Time Course Structure
Option Two: Language Specialisation

Year 1, Semester 1
BSB116  Marketing & International Business
Language 1

Year 1, Semester 2
BSB115  Management, People & Organisations
Language 2

Year 2, Semester 1
BSB112  Introduction to Electronic Commerce
Language 3

Year 2, Semester 2
BSB113  Economics
Language 4

Year 3, Semester 1
BSB117  Professional Communication & Negotiation
plus one of the following
Language 5 OR
International Business Elective unit

**Year 3, Semester 2**
BSB114 Government, Business & Society
plus one of the following:
Language 6 (if Language 5 undertaken) OR
MIB205 Cross Cultural Communication & Negotiation

**Year 4, Semester 1**
BSB111 Business Ethics
EFB101 Data Analysis for Business OR
MGB220 Methods & Analysis

**Year 4, Semester 2**
MIB202 Business & the World Economy
MIB211 Globalisation & Business

**Year 5, Semester 1**
BSB110 Accounting
MIB203 Comparative Regulatory Systems

**Year 5, Semester 2**
BSB300 Management, the Firm & International Business
Elective unit

**Year 6, Semester 1**
Area Study 1
Elective unit

**Year 6, Semester 2**
Area Study 2
Elective unit

**Area Study Options**
Students must select one of the following pairs of area study units:
MIB200 Asian Business Development (semester 1)
MIB317 Contemporary Business in Asia (semester 2)
MIB208 European Business Development (semester 1)
MIB300 Contemporary Business in Europe (semester 2)
MIB219 North American Business Development (semester 1) (not offered in 1999)
MIB301 Contemporary Business in North America (semester 2) (not offered in 1999)

*Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.*

**List of Languages**
The same language must be studied for at least four levels and unit codes are sequential (eg. French HUB670, HUB671, HUB672, HUB673), except French 7 (HUB678) and French 8 (HUB677). With the permission of the Major Coordinator and relevant Head of School, and where available, languages other than those listed may 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:

<table>
<thead>
<tr>
<th>Language</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td></td>
</tr>
<tr>
<td>HUB670</td>
<td>Yr 1/S 1</td>
</tr>
<tr>
<td>HUB671</td>
<td>Yr 1/S 2</td>
</tr>
<tr>
<td>HUB672</td>
<td>Yr 2/S 1</td>
</tr>
<tr>
<td>HUB673</td>
<td>Yr 2/S 2</td>
</tr>
<tr>
<td>HUB674</td>
<td>Yr 3/S 1</td>
</tr>
<tr>
<td>HUB675</td>
<td>Yr 3/S 2</td>
</tr>
</tbody>
</table>

**FRENCH**
1. Students **without** Year 12 Language qualifications in French should undertake the following sequence of units:
2. Students **with** Year 12 Language qualifications or equivalent in French should undertake the following sequence of units:

- HUB672 French 3 Yr 1/S 1
- HUB673 French 4 Yr 1/S 2
- HUB674 French 5 Yr 2/S 1
- HUB675 French 6 Yr 2/S 2
- HUB678 French 7 Yr 3/S 1
- HUB677 French 8 Yr 3/S 2

**INDONESIAN**

1. Students **without** Year 12 Language qualifications in Indonesian should undertake the following sequence of units:

- HUB650 Indonesian 1 Yr 1/S 1
- HUB651 Indonesian 2 Yr 1/S 2
- HUB652 Indonesian 3 Yr 2/S 1
- HUB653 Indonesian 4 Yr 2/S 2
- HUB654 Indonesian 5 Yr 3/S 1
- HUB655 Indonesian 6 Yr 3/S 2

2. Students **with** Year 12 Language qualifications or equivalent in Indonesian should undertake the following sequence of units:

- HUB652 Indonesian 3 Yr 1/S 1
- HUB653 Indonesian 4 Yr 1/S 2
- HUB654 Indonesian 5 Yr 2/S 1
- HUB655 Indonesian 6 Yr 2/S 2
- HUB656 Indonesian 7 Yr 3/S 1
- HUB657 Indonesian 8 Yr 3/S 2

**JAPANESE**

1. Students **without** Year 12 Language qualifications in Japanese should undertake the following sequence of units:

- HUB660 Japanese 1 Yr 1/S 1
- HUB661 Japanese 2 Yr 1/S 2
- HUB662 Japanese 3 Yr 2/S 1
- HUB663 Japanese 4 Yr 2/S 2
- HUB664 Japanese 5 Yr 3/S 1
- HUB665 Japanese 6 Yr 3/S 2

2. Students **with** Year 12 Language qualifications or equivalent in Japanese should undertake the following sequence of units:

- HUB662 Japanese 3 Yr 1/S 1
- HUB663 Japanese 4 Yr 1/S 2
- HUB664 Japanese 5 Yr 2/S 1
- HUB665 Japanese 6 Yr 2/S 2
- HUB666 Japanese 7 Yr 3/S 1
- HUB667 Japanese 8 Yr 3/S 2

**GERMAN**

1. Students **without** Year 12 Language qualifications should undertake the following sequence of units:

- HUB735 German 1 Yr 1/S 1
- HUB736 German 2 Yr 1/S 2
- HUB737 German 3 Yr 2/S 1
- HUB738 German 4 Yr 2/S 2
- HUB739 German 5 Yr 3/S 1
- HUB740 German 6 Yr 3/S 2

2. Students **with** Year 12 Language qualifications or equivalent in German should undertake the following sequence of units:

- HUB737 German 3 Yr 1/S 1
- HUB738 German 4 Yr 1/S 2
- HUB739 German 5 Yr 2/S 1
- HUB740 German 6 Yr 2/S 2
- HUB741 German 7 Yr 3/S 1
- HUB742 German 8 Yr 3/S 2
EXTENDED MAJOR FOR THE MAJOR IN INTERNATIONAL BUSINESS

Students undertaking marketing units as part of the extended major should check which units require MIB217 Marketing Management as a prerequisite. Units which have been taken towards the major may not be counted as part of the extended major.

International Business Analysis (IBX)
Students must undertake the following units:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIB212</td>
<td>Industry &amp; Regional Analysis</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>
| MIB314 | Strategic Business Analysis

AND

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIB213</td>
<td>International Marketing</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB210</td>
<td>Export Management</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

plus one of the following groups of three industry or area focused options:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIB200</td>
<td>Asian Business Development</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB317</td>
<td>Contemporary Business in Asia</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB205</td>
<td>Cross Cultural Communication &amp; Negotiation</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB208</td>
<td>European Business Development</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB300</td>
<td>Contemporary Business in Europe</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB205</td>
<td>Cross Cultural Communication &amp; Negotiation</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB219</td>
<td>North American Business Development (not offered in 1999)</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB301</td>
<td>Contemporary Business in North America (not offered in 1999)</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB205</td>
<td>Cross Cultural Communication &amp; Negotiation</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB225</td>
<td>Tourism</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB316</td>
<td>Tourism Development</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB226</td>
<td>Tourism Marketing</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB311</td>
<td>Services Marketing</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB221</td>
<td>Retail Industry (even numbered years)</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB310</td>
<td>Retail Marketing (even numbered years)</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB218</td>
<td>Marketing Sport and Recreation (even numbered years)</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB222</td>
<td>Sport &amp; Recreation Industries (odd numbered years)</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB318</td>
<td>Management of Sport &amp; Recreation (odd numbered years)</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB223</td>
<td>Technology &amp; International Business (odd numbered years)</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB224</td>
<td>Technology &amp; Marketing (odd numbered years)</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB307</td>
<td>Product Innovation &amp; Market Development</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB302</td>
<td>Cultural Industries Analysis (not offered in 1999)</td>
<td>12</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MIB209</td>
<td>Events Marketing</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MIB226</td>
<td>Tourism Marketing</td>
<td>12</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>

□ Management Major (MAN)

Professional Recognition
This major satisfies the academic requirements for membership of the Australian Institute of Management.

HONOURS YEAR (OPTIONAL)
Refer to the course outline of BS63 for details.

MANAGEMENT MAJOR – Full-Time Course Structure

Year 1, Semester 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSB112</td>
<td>Introduction to Electronic Commerce</td>
</tr>
<tr>
<td>BSB114</td>
<td>Government, Business &amp; Society</td>
</tr>
<tr>
<td>BSB115</td>
<td>Management, People &amp; Organisations</td>
</tr>
<tr>
<td>BSB117</td>
<td>Professional Communication &amp; Negotiation</td>
</tr>
</tbody>
</table>

Year 1, Semester 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSB113</td>
<td>Economics</td>
</tr>
<tr>
<td>BSB116</td>
<td>Marketing &amp; International Business</td>
</tr>
</tbody>
</table>
MGB207   Managing Human Resources
MGB211   Organisational Behaviour

**Year 2, Semester 1**
BSB110   Accounting
MGB210   Operations, Production & Service Management
MGB220   Methods & Analysis
          Elective unit

**Year 2, Semester 2**
BSB111   Business Ethics
          Double Major/Extended Major/Specialisation unit
          Double Major/Extended Major/Specialisation unit
          Double Major/Extended Major/Specialisation unit

**Year 3, Semester 1**
MGB303   Entrepreneurship
          Double Major/Extended Major/Specialisation unit
          Double Major/Extended Major/Specialisation unit
          Elective unit

**Year 3, Semester 2**
MGB309   Strategic Management
          Double Major/Extended Major/Specialisation unit
          Elective unit
          Elective unit

*Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.*

**MANAGEMENT MAJOR – Part-Time Course Structure**

**Year 1, Semester 1**
BSB114   Government, Business & Society
BSB115   Management, People & Organisations

**Year 1, Semester 2**
BSB116   Marketing & International Business
MGB220   Methods & Analysis

**Year 2, Semester 1**
BSB112   Introduction to Electronic Commerce
BSB117   Professional Communication & Negotiation

**Year 2, Semester 2**
MGB207   Managing Human Resources
MGB211   Organisational Behaviour

**Year 3, Semester 1**
BSB110   Accounting
BSB113   Economics

**Year 3, Semester 2**
BSB111   Business Ethics
          Double Major/Extended Major/Specialisation unit

**Year 4, Semester 1**
MGB210   Operations, Production & Service Management
          Elective unit

**Year 4, Semester 2**
          Double Major/Extended Major/Specialisation unit
          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
          Elective unit
Year 6, Semester 1
MGB303 Entrepreneurship
   Elective unit

Year 6, Semester 2
MGB309 Strategic Management
   Elective unit

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

EXTENDED MAJORS FOR THE MAJOR IN MANAGEMENT

<table>
<thead>
<tr>
<th>Management (MNX)</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Full-time</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGB206</td>
<td>12</td>
<td>3</td>
<td>Yr 2/S 2</td>
</tr>
<tr>
<td>MGB203</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 2</td>
</tr>
<tr>
<td>plus two of the following:</td>
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<td></td>
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<tr>
<td>MGB216</td>
<td>12</td>
<td>3</td>
<td>Yr 2/S 2</td>
</tr>
<tr>
<td>MGB218</td>
<td>12</td>
<td>3</td>
<td>Yr 2/S 2</td>
</tr>
<tr>
<td>MGB311</td>
<td>12</td>
<td>3</td>
<td>Yr 2/S 2</td>
</tr>
<tr>
<td>plus two of the following:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSB300</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 1</td>
</tr>
<tr>
<td>MGB319</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 1</td>
</tr>
<tr>
<td>MGB323</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 1</td>
</tr>
<tr>
<td><strong>Part-time</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGB206</td>
<td>12</td>
<td>3</td>
<td>Yr 3/S 2</td>
</tr>
<tr>
<td>MGB203</td>
<td>12</td>
<td>3</td>
<td>Yr 5/S 2</td>
</tr>
<tr>
<td>plus two of the following:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGB216</td>
<td>12</td>
<td>3</td>
<td>Yr 4/S 2</td>
</tr>
<tr>
<td>MGB218</td>
<td>12</td>
<td>3</td>
<td>Yr 4/S 2</td>
</tr>
<tr>
<td>MGB311</td>
<td>12</td>
<td>3</td>
<td>Yr 4/S 2</td>
</tr>
<tr>
<td>plus two of the following:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSB300</td>
<td>12</td>
<td>3</td>
<td>Yr 5/S 1</td>
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<tr>
<td>MGB319</td>
<td>12</td>
<td>3</td>
<td>Yr 5/S 1</td>
</tr>
<tr>
<td>MGB323</td>
<td>12</td>
<td>3</td>
<td>Yr 5/S 1</td>
</tr>
</tbody>
</table>

☐ Marketing Major (MKG)

Professional Recognition
Students of the Marketing Major may meet the requirements for membership of a number of professional bodies. These include the Australian Marketing Institute, the Marketing Research Society of Australia, the Australian Institute of Management, the American Marketing Association and the Australian Institute of Export. Details of membership can be obtained from the Major Coordinator.

HONOURS YEAR (OPTIONAL)
Refer to the course outline of BS63 for details.

MARKETING MAJOR – Full-Time Course Structure

Year 1, Semester 1
BSB113 Economics
BSB115 Management, People & Organisations
BSB116 Marketing & International Business
BSB117 Professional Communication & Negotiation

Year 1, Semester 2
BSB112 Introduction to Electronic Commerce
BSB114 Government, Business & Society
EFB101 Data Analysis for Business
MIB217 Marketing Management
### Year 2, Semester 1
- BSB110 Accounting
- BSB111 Business Ethics
- MIB204 Consumer Behaviour
  - Double Major/Extended Major/Specialisation unit

### Year 2, Semester 2
- MIB213 International Marketing
  - Double Major/Extended Major/Specialisation unit
  - Double Major/Extended Major/Specialisation unit
  - Elective unit

### Year 3, Semester 1
- MIB305 Market Research
  - Double Major/Extended Major/Specialisation unit
  - Double Major/Extended Major/Specialisation unit
  - Elective unit

### Year 3, Semester 2
- MIB315 Strategic Marketing
  - Double Major/Extended Major/Specialisation unit
  - Elective unit
  - Elective unit

Students must take Faculty Core Units at first attempt, in the semester outlined in the structure of their chosen Major.

**MARKETING MAJOR – Part-Time Course Structure**

### Year 1, Semester 1
- BSB113 Economics
- BSB116 Marketing & International Business

### Year 1, Semester 2
- BSB112 Introduction to Electronic Commerce
- BSB115 Management, People & Organisations

### Year 2, Semester 1
- BSB114 Government, Business & Society
- BSB117 Professional Communication & Negotiation

### Year 2, Semester 2
- EFB101 Data Analysis for Business
- MIB217 Marketing Management

### Year 3, Semester 1
- MIB204 Consumer Behaviour
  - Double Major/Extended Major/Specialisation unit

### Year 3, Semester 2
- BSB111 Business Ethics
  - Double Major/Extended Major/Specialisation unit

### Year 4, Semester 1
- BSB110 Accounting
  - Double Major/Extended Major/Specialisation unit

### Year 4, Semester 2
- MIB213 International Marketing
  - 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
- Elective unit
  - Elective unit

### Year 6, Semester 1
- MIB305 Market Research
  - Elective unit
EXTENDED MAJORS FOR THE MAJOR IN MARKETING
Marketing (MKX)

Full-time/Part-time
Students may take any six of the following units, provided that at least two of the six units are level 3 units (ie MIB3xx) and that they have the necessary prerequisites. Students are advised to contact the School of Marketing and International Business for further information on appropriate groupings of units.

The following units are offered every year in the semester indicated:

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Unit Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIB209</td>
<td>Events Marketing</td>
<td>12</td>
<td>3</td>
<td>2</td>
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<td>MIB210</td>
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<td>MIB226</td>
<td>Tourism Marketing</td>
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<td>MIB307</td>
<td>Product Innovation &amp; Market Development</td>
<td>12</td>
<td>3</td>
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<tr>
<td>MIB308</td>
<td>Professional Marketing Practice</td>
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The following units are offered in even numbered years in the semester indicated:

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<td>Marketing Sport and Recreation</td>
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The following units are offered in odd numbered years in the semester indicated:

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<td>MIB224</td>
<td>Technology &amp; Marketing</td>
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<td>MIB303</td>
<td>International Logistics</td>
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FACULTY OF BUSINESS CONCENTRATIONS FOR NON-BUSINESS STUDENTS

Accounting

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<td>AYB220</td>
<td>Company Accounting</td>
<td>12</td>
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<td>AYB221</td>
<td>Computerised Accounting Systems</td>
<td>12</td>
<td>3</td>
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<tr>
<td>AYB225</td>
<td>Management Accounting I</td>
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<td>AYB321</td>
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Advertising

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<td>Professional Communication &amp; Negotiation</td>
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<td>Theoretical Perspectives on Communication</td>
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<td>1 &amp; 2</td>
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<tr>
<td>COB217</td>
<td>Writing for the Communication Profession</td>
<td>12</td>
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<td>1 &amp; 2</td>
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<tr>
<td>COB306</td>
<td>Advertising Management</td>
<td>12</td>
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<td>1 &amp; 2</td>
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<td>Advertising Theory &amp; Practice</td>
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plus one of the following:

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<td>Media Planning</td>
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4 Indicates part-time/evening mode of offer for these Communication units.
## Analytical Techniques for Business

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<td>EFB200</td>
<td>Applied Regression Analysis</td>
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<td>Introduction to Analytical Techniques for Business</td>
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<td>EFB304</td>
<td>Advanced Econometric Techniques</td>
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<td>EFB322</td>
<td>Business Forecasting</td>
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plus one approved Economics or Finance unit (EFBxxx) (subject to prerequisites and approval of the Economics Major Coordinator).

## Banking and Finance

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<td>Australian Financial Markets</td>
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<td>EFB210</td>
<td>Finance 1</td>
<td>12</td>
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<td>1 &amp; 2</td>
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<tr>
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plus one approved Finance unit.

## Business Law

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<td>Taxation Law</td>
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<td>BSB114</td>
<td>Government, Business &amp; Society</td>
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plus two of the following:

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<td>Industrial Law</td>
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## Economics

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<td>EFB211</td>
<td>Firms, Markets &amp; Resources</td>
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plus one approved Economics unit.

## Human Resource Management

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<tr>
<td>BSB115</td>
<td>Management, People &amp; Organisations</td>
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<tr>
<td>MGB207</td>
<td>Managing Human Resources</td>
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<td>Organisational Behaviour</td>
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plus one of:

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<td>MGB322</td>
<td>Remuneration Management</td>
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<td>MGB331</td>
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## Management

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plus one of:

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**Organisational Communication**

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Plus one of the following:

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Plus one of the following:

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<th>Session 2</th>
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**Public Relations**

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<td>COB327</td>
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<td>12</td>
<td>3</td>
<td></td>
<td>1 &amp; 2</td>
<td></td>
</tr>
</tbody>
</table>

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4 Indicates part-time/evening mode of offer for these Communication units.
Doctor of Education (ED11)

Location: Kelvin Grove campus

Course Duration: Minimum of 2 years full-time or 3.5 years part-time for holders of a Masters degree or equivalent. Minimum of 2.5 years full-time or 4.5 years part-time for those without a Masters degree.

Total Credit Points: 288

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Associate Professor Erica McWilliam

Entry Requirements
Candidates will be admitted to the EdD who:

(i) hold a four-year Education degree, or its equivalent, with First Class Honours or Honours IIA, or
(ii) hold a Masters degree in Education or in another field relevant to the EdD

and have two years practice in a position of professional responsibility in education or a closely related field.

Provisional Enrolment
Students with lesser academic qualifications but with exemplary professional experience may be given Provisional Enrolment on the approval of the Dean of Education.

(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 forms through Student Administration. The completed application forms should be accompanied by any specified documentation. These 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 Student Administration, 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 Student Administration.

Course of Study

□ Length

(i) Candidates for the degree of Doctor of Education will normally be required to complete their course in at least two years of full-time study or 3.5 years of part-time study.
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.

Where a candidate wishes to change from full-time to part-time registration, or vice versa, application must be made in writing to the Faculty Academic Board. All such applications must specify the revised date of expected completion.

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 Committee 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 units taken with students in the coursework Master of Education course, and

(ii) one 24 credit point semester-long unit (EDR703 Interdisciplinary Education Studies [Advanced Seminars]).

**Note:** Students entering the course with an MEd 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.

**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 presentation of a thesis or alternative to the supervisory team 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.

**Thesis Supervision**

(i) Criteria for selecting supervisors for Doctor of Education students 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 an 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 Higher Degrees Advisory Committee Doctoral Sub-committee and will be expected to represent that committee as a panel member at doctoral confirmation of candidature and oral presentations. Undertaking this role forms part of the Faculty’s approach to the staff development of supervisors. ²

(v) Where appropriate an associate supervisor may be appointed from industry.

(vi) Students may obtain from the Course Coordinator, Heads of School and Directors of Centres and Research Concentrations information regarding procedures for selection of supervisors.

(vii) Supervision is discussed with Heads of School, Directors of Centres or Research Concentrations and with the Course Coordinator.

(viii) The Course Coordinator, after agreement with the relevant Heads of School(s) and Directors of Research Centres/Concentrations recommends the names of supervisors for specific students to the Higher Degrees Advisory Committee which, in turn, recommends these supervisors to the Faculty Academic Board.

(ix) The names of supported supervisors will be transmitted for University approval to the Research Management Committee.

Progression and Unsatisfactory Progress

□ Progression

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 candidates are required to satisfactorily complete confirmation of candidature prior to proceeding to the thesis implementation stage.

Once a student has been confirmed, six monthly reports are required from the principal supervisor twice a year. The report shall be signed by the candidate and the supervisor and submitted through the Head of School and the Director of Research Centre/Concentration to the Course Coordinator for reviewing. The report is forwarded through the Higher Degrees Advisory Committee to the Research Management Committee.

□ 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 a right of appeal to the Academic Appeals Committee. The appeal will be referred to the Faculty Academic Board and will be considered by the Faculty Academic Performance Committee.

(i) A provisional candidate who fails to achieve a credit level in any qualifying or coursework units or fails to make satisfactory progress may be excluded from the course upon the recommendation of the Coordinator to the Higher Degrees Advisory Committee.

(ii) With respect to the thesis project, progress which is considered clearly unsatisfactory by both the Supervisor and the Course Coordinator may lead to a recommendation by them to the Higher Degrees Advisory Committee that the candidate be excluded from the course.

(iii) Before the Higher Degrees Advisory Committee recommends exclusion, the candidate shall be given the opportunity to show cause why this action should not be taken.

¹ Subject to approval.
Confirmation of Candidature

Within 18 months of enrolment (or two years part-time) the student in consultation with the supervisor should present for confirmation. The Confirmation of Candidature Review Panel of the Higher Degrees Advisory 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.

Thesis Presentation and Examination

This has two components, an oral and a written presentation to a Faculty of Education Panel 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 which consists of the Principal Supervisor (Chair), Course Coordinator or nominee, Director of the relevant Centre or Research Concentration or nominee, a member of the Higher Degrees Advisory Committee Doctoral Sub-committee (quorum 3).

(ii) The candidate’s principal supervisor, through the Centre of Research Concentration Director, shall notify the Faculty Office 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 Committee.

(iii) Where the Higher Degrees Advisory Committee is satisfied that a candidate would be seriously disadvantaged if required to undergo an oral presentation, an alternate form of presentation may be approved.

(iv) The panel may suggest changes to the thesis or further work to be done and can recommend the thesis as being ready for examination.

□ Submission of Thesis

(i) After making revisions suggested in the oral presentation, candidates will submit to the Student Affairs Officer four copies of the thesis, bound in a temporary form as approved by Research Management 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 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.

□ Formal Examination

(i) Examiners are expected to return their assessment within 8 weeks to the Research Students Office. Candidates may be required to participate in an oral defence of their thesis but only at the request of the examiners.

(ii) Examiners should make one of the following recommendations:
   (a) Pass – implying that the thesis will be fully satisfactory except possibly for editorial changes
   (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.

(iii) In all cases the examiner should provide along with the official assessment form, a separate document indicating where corrections or modifications are required and as appropriate, provide any constructive criticism and comment helpful to the candidate.

(iv) 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.

(v) 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.

(vi) 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 Higher Degrees Advisory 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 Doctor of Education be awarded the degree of Master, provided that the candidate meets or can meet the requirements of the Master’s program.

(vii) 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 the 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 Sub-committee of the HDAC which has been established to make recommendations on areas of disputation between examiners. The HDAC will then make a recommendation to the Faculty Academic Board. The Board may then (i) not recommend award of the degree, or (ii) accept a majority recommendation with or without the advice of a further external examiner.

(viii) The examiners must give the candidate guidance on the deficiencies identified by the first examination.

(ix) If a candidate is required to revise and resubmit a thesis, the examiners’ report will be made available to the candidate, the anonymity of the examiners being maintained.

(x) The Faculty Academic Board on recommendation from the HDAC may require that an additional external examiner be appointed for the re-examination.

(xi) Regulations applicable to examinations generally apply to the re-examination.

(xii) Examiners’ reports should be made available to the candidate on request. 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/or 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.

Master of Education (ED13)
Location: Kelvin Grove campus
Course Duration: 1 year full-time, 2 years part-time or external
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Jillian Brannock
Students who have already completed one Master of Education course within the Faculty of Education at

2 Please note that not all electives are available by external study.
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.

Entry Requirements
Candidates will be admitted to the course who:

☐ hold an appropriate four-year bachelor degree or equivalent at a standard acceptable to the Dean of the Faculty; or

☐ hold other qualifications acceptable to the Dean which should include at least one year’s experience in some branch of education, subject to the discretion of the Dean.

All applicants must have a good command of the English Language.

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 will be admitted to full candidature.

Provisional Enrolment
In special circumstances and with the specific approval of the Dean, a person may be admitted to the Master of Education course on a provisional basis to complete qualifying units. The conditions which must be satisfied to meet the qualifying requirement must be detailed in writing by the Course Coordinator for the Dean’s approval.

(i) A candidate so admitted shall be required to complete any 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 may 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.

(iv) A provisional candidate who fails to achieve a credit level in any qualifying unit(s) or a pass level in any coursework units or fails to make satisfactory progress shall have their candidature terminated or be required to show cause to the Higher Degrees Advisory Committee through the Coordinator of the relevant area of interest as to why their candidature should not be terminated.

(v) A candidate whose provisional candidature is terminated may, after a period of two years, be permitted to apply for re-enrolment as a provisional candidate.

Procedure for Enrolment
(i) Before submitting an application for enrolment, a potential candidate shall consult the coordinator of the relevant Area of Interest of the Master of Education course concerning eligibility and special interests.

(ii) A person seeking admission to the Master of Education course shall apply on the appropriate forms through Student Administration. The completed application forms should be accompanied by any specified documentation. These 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 particular areas of interest. 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 Student Administration, an application will be forwarded for consideration by the Course Coordinator who may require the applicant to attend an interview.

(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 Student Administration.

Course Structure
Candidates are required to obtain a total of 96 credit points from studies in coursework units and/or from research studies.
There are two compulsory units (24 credit points) which must be taken by all students, preferably in the early stages of their course:

EDN611 Understanding Educational Research 12
Plus the designated core unit from the chosen area of interest 12

EDN611 Understanding Educational Research may not have to be completed by students who have completed equivalent studies either at QUT or other approved universities – instead they would be required to complete an additional unit from any one of the areas of interest in the Master of Education course.

In addition, students must complete at least three units (36 credit points) from one of the Areas of Interest or, for those students planning to undertake a dissertation, two units from one of the areas of interest and EDN612. Those students who do not wish to have their transcript endorsed with their chosen area of interest will only be required to take at least three units from their chosen area of interest including the core unit. Areas of Interest are:

- Adult & Workplace Education
- Behaviour Management
- Business Education & Training
- Career Guidance
- Early Childhood Education
- Higher Education
- Language & Literacy Education
- Leadership & Management
- Learning Support & Inclusive Education
- Mathematics Education
- Professional Growth & Curriculum Leadership
- School Guidance & Counselling
- Social & Environmental Education
- Technology Education

The remaining 36 credit points may be obtained in a variety of ways as indicated by the following four pathway options:

**Option 1:** students undertake the 36 Credit Point Dissertation (having done EDN612), or

**Option 2:** students undertake one unit from across the Areas of Interest and a 24 Credit Point Project, or

**Option 3:** students undertake two units from across the Areas of Interest and a 12 Credit Point Independent study, or

**Option 4:** students undertake three units from across the Areas of Interest.

It should be noted that not all Areas of Interest will be available through external study in the first instance. The diagram may help to clarify the various options available.

Students completing a Graduate Certificate in Education are advised to contact the Course Coordinator for advice on unit selection.

### Core Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDN611</td>
<td>Understanding Educational Research</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Plus the core unit indicated from the chosen area of interest</td>
<td>12</td>
</tr>
</tbody>
</table>

### Individually Supervised Units

Students should consult with the Course Coordinator for further information concerning enrolment in EDN603, EDN608 and EDN620.

**EDN620 Dissertation 36 credit points (3 stages)**

<table>
<thead>
<tr>
<th>Stage</th>
<th>Course Code</th>
<th>CourseName</th>
<th>Credit Points</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>EDN620/1</td>
<td>Dissertation (Stage 1)</td>
<td>12/36</td>
</tr>
<tr>
<td>2</td>
<td>EDN620/2</td>
<td>Dissertation (Stage 2)</td>
<td>12/36</td>
</tr>
<tr>
<td>3</td>
<td>EDN620/3</td>
<td>Dissertation (Stage 3)</td>
<td>12/36</td>
</tr>
</tbody>
</table>

**EDN608 Project 24 credit points (2 stages)**

<table>
<thead>
<tr>
<th>Stage</th>
<th>Course Code</th>
<th>CourseName</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EDN608/1</td>
<td>Project (Stage 1)</td>
<td>12</td>
</tr>
<tr>
<td>2</td>
<td>EDN608/2</td>
<td>Project (Stage 2)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>EDN603</td>
<td>Independent Study</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>EDN602</td>
<td>Advanced Seminars</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>EDN612</td>
<td>Conducting Educational Research</td>
<td>12</td>
</tr>
</tbody>
</table>
### MASTER OF EDUCATION COURSE STRUCTURE

<table>
<thead>
<tr>
<th>COMPULSORY COMPONENT</th>
<th>Unit code and title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Course Core Unit</td>
<td>EDN611 Understanding Educational Research</td>
<td>12</td>
</tr>
<tr>
<td>• Core unit from chosen Area of Interest</td>
<td>Refer to your specific area of interest</td>
<td>12</td>
</tr>
<tr>
<td>• Two Area of Interest Units AND</td>
<td>Refer to your specific area of interest</td>
<td>24</td>
</tr>
<tr>
<td>• either a third Area of Interest Unit* OR</td>
<td>Refer to your specific area of interest</td>
<td>12</td>
</tr>
<tr>
<td>• EDN612 for those taking Option 1 below</td>
<td>Refer to your specific area of interest</td>
<td>12</td>
</tr>
</tbody>
</table>

### ALTERNATE PATHWAYS

**Option 1**
- 36 credit point Dissertation
  - EDN620 Dissertation (3 stages) 36

**Option 2**
- One unit from any Area of Interest
  - Refer to lists on the following pages 12
- 24 credit point project
  - EDN608 Project (2 stages) 24

**Option 3**
- Two units from any Area of Interest
  - Refer to lists on the following pages 24
- 12 credit point independent study
  - EDN603 Independent Study 12

**Option 4**
- Three units from any Area of Interest
  - Refer to lists on the following pages 36

* Students not wishing to have their transcript endorsed with their Area of Interest may choose this Unit from any Area of Interest.

### List A: Adult and Workplace Education (ADW)
- PRN611 Adult & Workplace Education: Principles & Practices (Core) 12
- PRN612 Legal Risk Management & Workplace Education 12
- PRN613 Strategic Workplace Education & the Learning Organisation 12
- LAN611 Adult & Workplace Literacy & Numeracy 12
- LEN608 Foundations of Adult Learning & Development 12

### List B: Behaviour Management (BEM)
- CPN613 Youth Focussed Behaviour Management & Schools 12
- LEN611 Educational Intervention for Challenging Behaviour in the Classroom 12
- LEN612 Behaviour Management: Programs & Planning 12
- PRN635 Issues in Classroom Management (Core) 12

### List C: Business Education and Training (BUE)
- PRN625 Business Administration/Communications Education 12
- PRN626 Strategies for Business Educators & Trainers 12
- PRN627 Strategies in Accounting & Business Management Education 12
- PRN628 Trends & Issues in Business Education & Training (Core) 12
- PRN629 Marketing in Educational Contexts 12

### List D: Career Guidance (CAG)
- LEN604 Psychoeducational Assessment 12
- LEN607 Career Development Programs (Core) 12
- LEN609 Career Theory 12
- LEN610 Career Counselling 12

### List E: Early Childhood Education (ECE)
- EAN608 Constructions of Childhood, Child-rearing & Early Education (Core) 12
- EAN601 Early Childhood Teachers Knowledge in Action 12
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EAN602</td>
<td>Early Childhood Services &amp; Policies</td>
<td>12</td>
</tr>
<tr>
<td>EAN603</td>
<td>Development in Early Childhood Contexts</td>
<td>12</td>
</tr>
<tr>
<td>EAN604</td>
<td>Young Children, Families &amp; Community</td>
<td>12</td>
</tr>
<tr>
<td>EAN609</td>
<td>Educating Young Children with Special Needs in Early Childhood Settings</td>
<td>12</td>
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</table>

**List F: Higher Education (HIG)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>LEN613</td>
<td>Learning, Teaching &amp; Supervision</td>
<td>12</td>
</tr>
<tr>
<td>MDN619</td>
<td>Technologically Supported Teaching &amp; Learning Environments</td>
<td>12</td>
</tr>
<tr>
<td>PRN636</td>
<td>Higher Education: Curriculum Design, Development &amp; Evaluation</td>
<td>12</td>
</tr>
<tr>
<td>PRN637</td>
<td>Higher Education: Responding to Emerging Issues, Changing Contexts &amp; New Policies</td>
<td>12</td>
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</tbody>
</table>

**List G: Language and Literacy Education (LLE)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>LAN609</td>
<td>Language, Literacies &amp; Learning (Core)</td>
<td>12</td>
</tr>
<tr>
<td>LAN611</td>
<td>Adult &amp; Workplace Literacy &amp; Numeracy</td>
<td>12</td>
</tr>
<tr>
<td>LAN623</td>
<td>Investigating Language &amp; Literacy Teaching &amp; Learning</td>
<td>12</td>
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<tr>
<td>LAN624</td>
<td>Literacy/ESL Programming &amp; Assessment</td>
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<tr>
<td>LAN625</td>
<td>New Literacies &amp; Technologies</td>
<td>12</td>
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</tbody>
</table>

**List H: Leadership and Management (LEM)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CPN603</td>
<td>Changing Agendas in Leadership (Core)</td>
<td>12</td>
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<tr>
<td>CPN605</td>
<td>Organisational Cultures &amp; Education Leadership</td>
<td>12</td>
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<tr>
<td>CPN606</td>
<td>Leadership, Work &amp; Careers</td>
<td>12</td>
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<td>CPN607</td>
<td>Global Change &amp; Educational Leadership</td>
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<tr>
<td>CPN609</td>
<td>School-based Management &amp; Policy Development</td>
<td>12</td>
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<tr>
<td>CPN615</td>
<td>Equity Policy &amp; Educational Management</td>
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<td>CPN616</td>
<td>Educational Management Processes &amp; Strategies</td>
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<tr>
<td>CPN617</td>
<td>Managing and Leading Educational Personnel</td>
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**List I: Learning Support and Inclusive Education (LSI)**

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<thead>
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<th>Code</th>
<th>Course Title</th>
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<tr>
<td>LEN605</td>
<td>Learners with Special Needs: Programming for Inclusive Education (Core)</td>
<td>12</td>
</tr>
<tr>
<td>LEN606</td>
<td>Teaching Students with Learning Difficulties/Disabilities</td>
<td>12</td>
</tr>
<tr>
<td>CPN611</td>
<td>Policies &amp; Practices for Inclusive Education</td>
<td>12</td>
</tr>
<tr>
<td>EAN607</td>
<td>Consultation &amp; Teamwork</td>
<td>12</td>
</tr>
<tr>
<td>LEN611</td>
<td>Educational Intervention for Challenging Behaviour in the Classroom</td>
<td>12</td>
</tr>
</tbody>
</table>

**List J: Mathematics Education (MAE)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDN624</td>
<td>Curriculum Studies in Mathematics (core)</td>
<td>12</td>
</tr>
<tr>
<td>MDN625</td>
<td>Psychology in Mathematics Education</td>
<td>12</td>
</tr>
<tr>
<td>MDN626</td>
<td>Pedagogy in Mathematics Education</td>
<td>12</td>
</tr>
<tr>
<td>MDN627</td>
<td>Student Assessment in Mathematics</td>
<td>12</td>
</tr>
</tbody>
</table>

**List K: Professional Growth and Curriculum Leadership (PGC)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEN613</td>
<td>Learning, Teaching &amp; Supervision</td>
<td>12</td>
</tr>
<tr>
<td>PRN601</td>
<td>Curriculum Inquiry &amp; Research (core)</td>
<td>12</td>
</tr>
<tr>
<td>PRN602</td>
<td>Professional Growth &amp; Development</td>
<td>12</td>
</tr>
<tr>
<td>PRN603</td>
<td>Leading Change in Contemporary Professional Practice</td>
<td>12</td>
</tr>
<tr>
<td>PRN604</td>
<td>Achieving Quality in Educational Contexts</td>
<td>12</td>
</tr>
<tr>
<td>PRN605</td>
<td>Flexible Delivery: Pedagogical Issues &amp; Imperatives</td>
<td>12</td>
</tr>
</tbody>
</table>

**List L: School Guidance and Counselling (SGC)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEN602</td>
<td>Advanced Educational Counselling (core)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>(Prerequisite: LEB441 Educational Counselling)</td>
<td></td>
</tr>
<tr>
<td>LEN603</td>
<td>Educational Counselling Professional Practice</td>
<td>12</td>
</tr>
<tr>
<td>LEN604</td>
<td>Psychoeducational Assessment</td>
<td>12</td>
</tr>
<tr>
<td>LEN607</td>
<td>Career Development Programs</td>
<td>12</td>
</tr>
</tbody>
</table>

The Area of Interest School Guidance and Counselling within the Master of Education is accepted by both the Queensland Department of Education and the Brisbane Catholic Education Centre as a suitable formal employment qualification for applicants for School Counsellor and Guidance Officer positions in the context of other position requirements. 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.
LIST M: Science Education (SCE)
MDN628 Curriculum Studies in Science Education (core) 12
MDN629 Reasoning in Science Education 12
MDN630 Learning & Teaching in Science Education 12
MDN631 Information-based Technologies in Science Education 12

LIST N: Social and Environmental Education (SEE)
CPN614 Socio-Cultural Contexts of Civics & Citizenship Education 12
PRN616 Critical Approaches in Social & Environmental Education (core) 12
PRN617 Environmental Education & Interpretation 12
PRN618 Issues in SOSE (Studies of Society & Environment) 12
PRN619 Issues in Environment Education & Interpretation 12
PRN620 Civics & Citizenship Education – Issues of Curriculum & Pedagogy 12

LIST O: Technology Education (TEE)
MDN619 Technologically Supported Teaching & Learning Environments 12
MDN633 Curriculum Studies in Technology Education (core) 12
MDN623 Communications Technology in Education 12
MDN632 Databases in an Educational Context 12
PRN605 Flexible Delivery: Pedagogical Issues & Imperatives 12

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 Computer Education or recent experience should be sufficient. The units MDN623 and MDN619 require good Internet access. The unit MDN633 is a prerequisite for MDN623.

Supervision
Supervision in the Master of Education course consists of two components:

(i) the supervision of individual coursework units, and
(ii) the supervision of a dissertation/project.

Supervision of Individualised Units
Certain coursework units in particular Areas of Interest involve individual candidates working with supervising lecturers on a one-to-one basis. Here, candidates have the opportunity to explore and negotiate with their lecturers to engage in integrated professional experiences that are closely linked to the candidates current professional needs. This interaction consists of a dialogue between candidate and lecturer to design an appropriate Course of Study for the particular units. Subsequently, they submit this plan of study to the area of interest coordinator for approval.

Supervision of a Dissertation/Project
A dissertation must be submitted to conform with format, style and other guidelines as set out in the publication Guide to Dissertation Presentation which is available from the Faculty of Education Office. For a project, it is not essential for students to adhere to the Faculty guidelines on dissertations, although these may be found helpful.

(a) For each candidate undertaking a dissertation/project a Supervisor must be appointed. An appropriate Supervisor or supervisory team should be identified early in the program when the dissertation/project topic is chosen. An appointment will be made by the Faculty Academic Board on the advice of the relevant Head of School and the Course Coordinator.

(b) 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.

(c) 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.

Progression and Unsatisfactory Progress
Progress
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 exit levels. For candidates enrolled in the coursework degree, it will mean the successful completion of the relevant coursework units.

Progress reports will be submitted at designated intervals, normally at least twice each year, to the Master of Education Course Coordination Committee.

☐ Unsatisfactory Progress

(i) With respect to coursework studies, candidates who have failed two or more units will be placed on probationary enrolment.

(ii) 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 the Higher Degrees Advisory Committee that the candidate be excluded from the course.

(iii) Before the Higher Degrees Advisory Committee recommends exclusion, the student will apply to the Higher Degrees Advisory Committee which will consider the application and make recommendation to the Faculty Academic Board.

Examination of the Dissertation/Project

☐ Dissertation Submission

(i) 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 (preferably spiral bound) 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.

(ii) The dissertation should be accompanied by a signed declaration which states that:
   (a) the candidate has complied with the ethics of experimentation;
   (b) the dissertation is the candidate’s own work and that all other sources are correctly acknowledged;
   (c) the dissertation has not been submitted to another institution.

(iii) The dissertation must contain a joint declaration signed by both the student and their 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.

At least one of the examiners appointed will be external to the University, except in the case of the 24 credit point project where the examining committee consists of two examiners, approved by the Master of Education Course Coordination Committee, one of whom may be the supervising lecturer and one of whom may be external to the University, if this is seen to be of benefit to the student.

The Examination Committee consisting of at least two examiners (one of whom may be external to the University) will be appointed by the Faculty Academic Board upon recommendation from the Higher Degrees Advisory Committee upon recommendation from the relevant Course Coordinator who will have consulted the Principal Supervisor.

☐ Examination Process

(i) 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.

(ii) 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:
(a) **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.

(b) **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;

(c) **Fail:** Implying that the dissertation is not of an acceptable standard.

(iii) 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.

(iv) The Student Affairs Officer will forward the set of examiners assessment forms and dissertation to the Course Coordinator.

In the case of (a) above the Course Coordinator will determine the examination outcome and will advise the Student Affairs Officer. 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.

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.

The Chairperson, HDAC will refer the matter to the Examination Sub-Committee of the Higher Degrees Advisory Committee which has been established to make recommendations on areas of disputation between examiners. The Chairperson, Higher Degrees Advisory Committee will then make formal recommendation to the Faculty Academic Board. The Faculty Academic Board may confer and seek further advice from the Higher Degrees Advisory 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 a further external examiner.

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 Higher Degrees Advisory 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 Higher Degrees Advisory 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.

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1 *Subject to approval.*
(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 Higher Degrees Advisory 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.

(g) 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.

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 or Concentration 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.

Master of Education (Research) (ED12)

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr Wendy Patton

Entry Requirements

A person may enrol as a candidate for the degree of Master of Education by research if that person holds:

(i) a four-year education-related degree with a grade point average of at least 5 (on a seven-point scale) or equivalent, with demonstrated potential for further study and evidence of professional standing, or
(ii) a graduate diploma in an education-related field with a grade point average of at least 5 (on a seven-point scale) or equivalent, with demonstrated potential for further study and evidence of professional standing, or
(iii) an honours degree in an education-related field with a minimum of Honours 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 6 or better.

Applicants may be required to provide satisfactory formal evidence of proficiency in the English language.

Provisional Enrolment

In special circumstances and with the specific approval of the Dean, a person may be admitted to the Master of Education (Research) on a provisional basis. The conditions which must be satisfied to remove the provisional status must be detailed in writing by the Course Coordinator, endorsed by the Dean and placed on record by the Registrar.

Provisional status will not normally extend beyond one year.
Procedure for Enrolment
Before submitting an application form to enter the course, a candidate should make contact with staff members who might act as supervisors 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 will provide assistance by way of an introduction to the services provided by the Faculty in a manner which is sensitive to cross-cultural and gender identities of potential candidates. The Course Coordinator 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. Where research is to be conducted into equity matters in education, a supervisor will be provided.

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. Such seminars will be held at regular intervals with the frequency depending on the number of research students. 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. Academic staff who are supervising research students are also expected to attend seminars on a regular basis.

Course Structure

- **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; commencement of a comprehensive literature search.

  During the preparation stage, students will complete the unit EDN612 Conducting Educational Research or a substitute approved by the Course Coordinator. Students who have undertaken prior study of an equivalent nature may apply for an exemption from this unit.

- **Proposal**
  Adoption of an appropriate research design for the proposed research; preparation of a comprehensive research proposal including a draft review of the literature; presentation and justification of the proposal to a seminar of other students and academic staff; trialling of research procedures.

  The research proposal must be approved by the Course Coordination Committee before the student proceeds to the implementation stage.

- **Implementation**
  Implementation of the research for the thesis; completion of the literature review.

- **Submission**
  Completion and presentation of a thesis for approval by supervisor/s; production of the thesis in a suitable form for examination.

  There will be no pre-specified completion times or credit points allocated to these stages as there is a large amount of variation in the time students take to move through the stages.

- **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.
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.

Where credit is granted the Dean may reduce proportionately the candidate’s period of enrolment.

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

Normally, the Principal Supervisor will be a member of the Faculty of Education.

The University’s rules for PhD supervisors are supported in regard to principal and associate supervisors.

For Masters students, a maximum of two supervisors should constitute the supervisory team.

Procedures for selection of supervisors may be obtained from Heads of School, Directors of Research Centres and Concentrations.

It is generally expected that the student will discuss the prospect of supervision with Heads of School, Directors of Centres or Research Concentrations and with the Course Coordinator.

The Course Coordinator, after agreement with the relevant Head of School(s) recommends the names of supervisors for specific students to the HDAC which in turn recommends supervisors to the Faculty Academic Board.

The names of supported supervisors of students in research degrees will be transmitted for University approval to the Research Management Committee.

Progression and Unsatisfactory Progress

Progress

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 RMC. 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. Progress reports will be submitted at designated intervals, normally at least twice each year.

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 a right of appeal to the Academic Appeals Committee.

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.

With respect to the thesis project, progress which is considered clearly unsatisfactory by both the Supervisor and the Coordinator may lead to a recommendation by them to the Higher Degrees Advisory Committee that the candidate be excluded from the course.

Before the Higher Degrees Advisory Committee recommends exclusion, the student will apply to the Higher Degrees Advisory Committee which will consider the application and make recommendation to the Faculty Academic Board.

Examination of the Thesis

Submission of Thesis

A candidate should submit a minimum of three copies of a thesis to the Faculty Office. Receipt of the thesis by the Faculty Office, on behalf of the Faculty Academic Board shall constitute submission of
the candidate’s thesis for examination. These should be temporarily bound in order to facilitate the making of any revisions and editorial changes required by examiners (if the thesis is otherwise acceptable to them) before final printing and binding.

(ii) The thesis should be accompanied by a signed declaration 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.

Examination of Thesis

(i) Each thesis will be examined by at least two examiners, one of whom may be external to the University, appointed by the Faculty Academic Board upon recommendation of the Higher Degrees Advisory Committee upon the recommendation of the Course Coordinator in consultation with the Principal Supervisor. At least one of the examiners appointed may be external to the University.

(ii) An oral defence of a thesis may be made a component of the overall thesis examination procedure by the Faculty Academic Board upon the recommendation of the Higher Degrees Advisory Committee. Should this be the case, the Course Coordinator will normally act as Chairperson of the group of examiners for the oral examination. At such an examination, the attendance of observers other than the Dean and the relevant Head of School is subject to the express approval of the Higher Degrees Advisory Committee.

(iii) Examiners must receive copies of the thesis in reasonable time to permit its thorough consideration and appraisal before the date by which assessments are required or before any oral examination. Whether or not there is an oral examination, each examiner is required to submit a written assessment of the thesis within eight weeks of its receipt.

(iv) These assessments will be presented on official forms available from the Faculty Office and will deal with the general standard and quality of the work and not with specific detail. They will be submitted to the Course Coordinator by the specified date and, if there is to be an oral examination, before this examination. Each assessment is individual and confidential and should not be made available to other examiners. Each examiner should make one of the following recommendations:
(a) Pass – implying that the thesis will be fully satisfactory except possibly for editorial changes
(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.

(v) In the case of (a) and (b) 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 may comment on the scope for further research or postgraduate study. Such additional documents should be retained temporarily by the Course Coordinator.

(vi) The Course Coordinator will forward the set of examiner’s assessment forms to the Chairperson, Higher Degrees Advisory Committee, attaching a formal recommendation. The HDAC makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation.

(vii) 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 Course Coordinator will sign an official record indicating satisfaction of all thesis requirements that all required changes have been completed satisfactorily.

(viii) 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.
(ix) If a recommendation of type (c) is accepted, the normal implication is that the candidate will be excluded from the course. However, in exceptional circumstances the Higher Degrees Advisory Committee may grant the candidate an opportunity to submit a substantially new thesis after a period of not less than six months.

(x) In the event of disagreement between the examiners, the Chairperson, Higher Degrees Advisory Committee, will refer the matter to the Examination Sub-Committee of the Higher Degrees Advisory Committee which makes recommendations on areas of disputation between examiners. This person would be appointed after consultation between supervisors and the Course Coordinator. The Higher Degrees Advisory Committee will then make recommendation to the Faculty Academic Board. The Faculty Board may then (i) not recommend awarding the degree, or (ii) accept a majority recommendation with or without the advice of a further external examiner.

(xi) 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.

(xii) After the examination process is complete, examiners’ reports will be made available to the candidate on request. The names of examiners will be released on request providing each examiner has indicated willingness to have his or her identity revealed to the candidate.

■ Master of Education – Teaching English to Speakers of Other Languages (TESOL) (ED14)

Location: Kelvin Grove campus
Course Duration: 1 to 1.5 years full-time, 2 years part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Tuition Fees (Domestic Students): $720 per 12 credit point unit ($60 per credit point)
Course Coordinator: Dr Penny McKay

Entry Requirements
Candidates will be admitted to the course who:
(i) hold an appropriate bachelor degree or equivalent at a standard acceptable to the Dean of the Faculty, or
(ii) hold other qualifications acceptable to the Dean which may include substantial work experience in TESOL or involvement in other relevant professional or research activities, and have had at least one year practical experience in some branch of education acceptable to the Dean.

Applicants who are non-native speakers of English must undertake and present the results of an English test approved by the University and obtained within twelve months prior to application.

Graduate Certificate in Education (TESOL) – Exit Point
Following the successful completion of four MEd(TESOL) units (including two core units and two electives), students may elect either to discontinue enrolment and graduate with a GradCertEd(TESOL), or to pursue a further four units in order to complete the MEd(TESOL). Students wishing to exercise this option should contact the Faculty office for information on how to proceed.

 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.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
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<tbody>
<tr>
<td>LAN608 Second Language Acquisition</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAN612 Principles of Second Language Methodology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective Unit</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective Unit</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
Year 1, Semester 2
LAN608  Second Language Acquisition  12  3
LAN612  Principles of Second Language Methodology  12  3
Elective Unit  12
Elective Unit  12
Elective Unit  12
Elective Unit  12

Part-Time Course Structure

Year 1, Semester 1
LAN608  Second Language Acquisition  12  3
LAN612  Principles of Second Language Methodology  12  3

Year 1, Semester 2
Elective Unit  12
Elective Unit  12

Year 2, Semester 1
Elective Unit  12
Elective Unit  12

Year 2, Semester 2
Elective Unit  12
Elective Unit  12

Intensive Mode

Block Session 1
LAN608  Second Language Acquisition  12
LAN612  Principles of Second Language Methodology  12
LAN614  Research Methods in Second Language Education  12
OR
LAN617  Personalised Language Development  12

Block Session 2
LAN613  Second Language Curriculum Design Options  12
LAN615  Directed Reading in Second Language Education  12
LAN619  Functional Grammar  12
OR
LAN620  Language & Culture  12

Block Session 3
LAN616  Language Assessment & Program Evaluation in TESOL  12
LAN618  Technology & Second Language Learning  12
OR
EDN608/1  Project (Stage 1)  12/24
EDN608/2  Project (Stage 2)  12/24

Elective List A
Students in the MEd(Tesol) may, with the approval of the Course Coordinator, enrol in a maximum of two units offered within the Faculty of Education or within other faculties of QUT. These units may be taken in lieu of electives within the MEd(tesol).

EDN608  Project  24
EDN611  Understanding Educational Research  12  3
LAN615  Directed Reading in Second Language Education  12  3
LAN616  Language Assessment & Program Evaluation in TESOL  12  3
LAN617  Personalised Language Development  12  3
LAN618  Technology & Second Language Learning  12  3
LAN619  Functional Grammar  12  3
LAN620  Language & Culture  12  3

Guidelines for a Project
It is not essential for students who are completing a Project to adhere to the University guidelines on dissertations, although students may find these useful. See the course entry for Master of Education (ED13) for the guidelines on dissertations.
Progression and Unsatisfactory Progress
Refer to Master of Education (ED13) entry.

- **Master of Teaching (Early Childhood) (ED17)**
- **Master of Teaching (Primary) (ED18)**
- **Master of Teaching (Secondary) (ED19)**

**Location:** Kelvin Grove campus  
**Course Duration:** 2 years full-time  
**Total Credit Points:** 192  
**Course Coordinator:** Dr Ian Macpherson  
**Associate Course Coordinator:** Ms Annah Healy

**General Entry Requirements**
To be eligible for consideration, applicants:

(i) must have a completed undergraduate discipline degree in a discipline other than Education (or equivalent) from a recognised tertiary institution; and

(ii) must have proficiency in English as determined by University requirements.

Entry will be determined by evaluating the Grade Point Average in the undergraduate degree.

**Additional Entry Requirements – Secondary**
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. Selection may also be based on the relevance of previous studies to the teaching profession and relevance of any personal and professional experience.

Students select two areas of specialisation within Curriculum Studies. The specialisation through which entry to the course is sought is designated the first teaching area; the other specialisation is designated the 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).

**Course Structure**

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<th>Year 1, Semester 1</th>
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<td>PRN642 Teaching Studies</td>
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<tr>
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<tr>
<td>EAN610 Early Childhood Language &amp; Literacy Curriculum</td>
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<td>EAN611 Early Childhood Mathematics, Science &amp; Technology Curriculum</td>
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<td>PRN639 Professional Practice 2: Classroom Management &amp; Introduction to Professional Practice</td>
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<td>EAN612 Advanced Literacy &amp; Numeracy in Early Childhood</td>
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<tr>
<td>EAN613 Early Childhood Curriculum Priorities</td>
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<td>PRN640 Professional Practice 3: Change, Difference &amp; Inclusivity</td>
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# Master of Teaching (Early Childhood)  
## Course Structure

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### PRIMARY - ED18

#### Year 1, Semester 1
- LEN614 Learners & Teachers in Context 24 5-6
- PRN638 Professional Practice 1: Learners & Teachers in Context 12 3
- PRN642 Teaching Studies 12 3

#### Year 1, Semester 2
- CPN618 Issues in Current Professional Practice 12 3
- PRN639 Professional Practice 2: Classroom Management & Introduction to Professional Practice 12 3
- LAN626 Primary Language & Literacy Curriculum 12 3
- MDN634 Primary Mathematics, Science & Technology Curriculum 12 3

#### Year 2, Semester 1
- CPN619 Change, Evaluation & Accountability in Educational Contexts 12 3
- PRN640 Professional Practice 3: Change, Difference & Inclusivity 12 3
- PRN645 Interdisciplinary Primary Curriculum Studies 12 3
- LAB413 Programming & Assessment in Language & Mathematics 12 3

#### Year 2, Semester 2
- PRN643 Professional Teaming, Case & Project Implementation 24 5-6
- PRN641 Professional Practice 4: Curriculum Decision Making & Curriculum Leadership 12 3
- PRN644 Professional Internship & Mini Conference 12 3

### SECONDARY - ED19

#### Year 1, Semester 1
- LEN614 Learners & Teachers in Context 24 5-6
- PRN638 Professional Practice 1: Learners & Teachers in Context 12 3
- PRN642 Teaching Studies 12 3

#### Year 1, Semester 2
- CPN618 Issues in Current Professional Practice 12 3
- PRN639 Professional Practice 2: Classroom Management & Introduction to Professional Practice 12 3
- Curriculum Studies 1X (select one unit from List 1) 12
- Curriculum Studies 1Y (select one unit from List 1) 12

#### Year 2, Semester 1
- CPN619 Change, Evaluation & Accountability in Educational Contexts 12 3
- PRN640 Professional Practice 3: Change, Difference & Inclusivity 12 3
- Curriculum Studies 2X (select one unit from List 2) 12
- Curriculum Studies 2Y (select one unit from List 2) 12

#### Year 2, Semester 2
- PRN643 Professional Teaming, Case & Project Implementation 24 5-6
- PRN641 Professional Practice 4: Curriculum Decision Making & Curriculum Leadership 12 3
- PRN644 Professional Internship & Mini Conference 12 3

#### List 1: Curriculum Studies 1
- PRB355 Accounting/Business Management Curriculum – Studies 1 12 3
- AAB412 Art Curriculum Studies 1 12 3
- MDB325 Biology Curriculum Studies 1 12 3
- PRB357 Business Communication Technologies & Curriculum Studies 1 12 3
- MDB327 Chemistry Curriculum Studies 1 12 3
- MDB329 Computing Curriculum Studies 1 12 3
- AAB421 Dance Curriculum Studies 1 12 3
- AAB414 Drama Curriculum Studies 1 12 3
- MDB331 Earth Science Curriculum Studies 1 12 3
- PRB359 Economics Curriculum Studies 1 12 3
- LAB325 English Curriculum Studies 1 12 3
- LAB447 English as a Second Language Curriculum Studies 1 12 3
- LAB327 Film and Media Curriculum Studies 1 12 3
# MASTER OF TEACHING (PRIMARY)
## COURSE STRUCTURE

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## MASTER OF TEACHING (SECONDARY)

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### Graduate Diploma in Education (Computer Education) (ED21)

**Location:** Kelvin Grove campus

**Course Duration:** 2 years part-time or external

**Total Credit Points:** 96

**Standard Credit Points/Part-Time Semester:** 24

**Course Coordinator:** Mr Paul Shield

**Entry Requirements**

To be eligible for admission, an applicant must possess:

(i) an appropriate Bachelor Degree, Diploma of Teaching or equivalent;

(ii) at least one years experience in an educational setting; and

(iii) suitable computing experience. These experiences might include, at varying levels of proficiency, either singly or in combination – word processing, use of spreadsheets, database work, programming or graphics.
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<thead>
<tr>
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<th>YEAR 1</th>
<th>YEAR 2</th>
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<tr>
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<tr>
<td>Secondary Computer</td>
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<td>MDP503 Information Systems in</td>
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<td>Education Context</td>
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<td>MDP537 Major Issues in Computer</td>
<td>MDP535 Educational Software</td>
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<td>MDP503 Information Systems in</td>
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</table>
The course contains practical components, therefore students will be required to satisfy the Coordinator that they have suitable and sufficient access to computer hardware and software. Internet access may be required for some units.

Course Structure (for Course Structure table, see page 481 of this Handbook)
To meet course requirements, students must complete four core units and four elective units. Elective units may be chosen from either List A or List B.

The following units are scheduled in Semester 1

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List A: Elective Units

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<tr>
<td>MDP507</td>
<td>Teaching Secondary Computer Studies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MDP530</td>
<td>Computer Applications in Education</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MDP533</td>
<td>Teaching Information Systems Modelling</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MDP536</td>
<td>Computer Graphics in Teaching</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

The following units are scheduled in Semester 2

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDP503</td>
<td>Information Systems in Education (core)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MDP506</td>
<td>Computer Education Project (core)</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Note: Four units must be completed at a grade of 4 or above before MDP506 can be undertaken.

List B: Elective Units (2 to be chosen)

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDP504</td>
<td>School Administration using Information Technologies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MDP508</td>
<td>Computer Use in the Primary Curriculum</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MDP531</td>
<td>Investigations into Computer Aided Learning</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MDP534</td>
<td>Educational Applications of Artificial Intelligence</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MDP535</td>
<td>Educational Software Development</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MDP538</td>
<td>Computers in the Secondary Curriculum</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Some possible sequences of study are given below. Other sequences are possible within the prerequisite structure of the course.

It is suggested that those 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.

Graduate Diploma in Education (Early Childhood) (ED20)

Location: Kelvin Grove campus
Course Duration: 2 years external
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Ann Farrell

Entry Requirements
To be eligible for admission, an applicant must hold the following:

(i) an appropriate degree, diploma or equivalent, and
(ii) at least one years teaching experience, and
(iii) current teacher registration (where applicable*).

* 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 (or more, according to Individual Teaching Experience Profiles) 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.

<table>
<thead>
<tr>
<th>Course Structure</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
</tr>
<tr>
<td>EAP533</td>
<td>Change in Children: Birth to Eight Years</td>
</tr>
<tr>
<td>EAP534/1</td>
<td>Curriculum in Early Childhood 1</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
</tr>
<tr>
<td>EAP534/2</td>
<td>Curriculum in Early Childhood 1</td>
</tr>
<tr>
<td>EAP535</td>
<td>Curriculum in Early Childhood 2 (Corequisite EAP534)</td>
</tr>
<tr>
<td>EDP508</td>
<td>Practicum in Early Childhood 1³</td>
</tr>
<tr>
<td><strong>Summer Program</strong></td>
<td></td>
</tr>
<tr>
<td>EDP508</td>
<td>Practicum in Early Childhood 1³</td>
</tr>
<tr>
<td><strong>Year 2, Semester 1</strong></td>
<td></td>
</tr>
<tr>
<td>EAP536</td>
<td>Curriculum in Early Childhood 3 (Prerequisites: EAP534/EAP545)</td>
</tr>
<tr>
<td>EDP508</td>
<td>Practicum in Early Childhood 1³</td>
</tr>
<tr>
<td><strong>Year 2, Semester 2</strong></td>
<td></td>
</tr>
<tr>
<td>EDP509</td>
<td>Practicum in Early Childhood 2³</td>
</tr>
<tr>
<td><strong>Summer Program</strong></td>
<td></td>
</tr>
<tr>
<td>EDP509</td>
<td>Practicum in Early Childhood 2³</td>
</tr>
</tbody>
</table>

**Elective Units**

A total of three elective units are to be completed from the list below. Some units may be available in an optional summer program for students who wish to accelerate their progression in the course. Please refer to the Course Summary Sheet for the semester of offering.

- EAB324 Integrating Young Children with Special Needs into Early Childhood programs
- EAB413 Management of Early Childhood Services
- EAP537 Contexts of Early Childhood Education
- EAP538 Research in Early Childhood
- EAB410 Early Education: Deciding the Curriculum
- EAB440 Working with Parents & Community
- EAP539 Transactions in Early Childhood Education

**Graduate Diploma in Education (Educational Management) (ED23)**

**Location:** Kelvin Grove campus (some units may be provided at Gardens Point campus)

**Course Duration:** 2 years part-time/external

**Total Credit Points:** 96

**Standard Credit Points/Part-Time Semester:** 24

**Course Coordinator:** Mr Peter Meadmore

**Entry Requirements**

To be eligible an applicant must have:

(i) an appropriate teaching or other relevant qualification at diploma, degree or graduate diploma level from a tertiary institution; and

(ii) at least one years experience in an educational setting.

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³ EDP508 Practicum in Early Childhood 1 and EDP509 Practicum in Early Childhood 2 are offered in Second Semester or Summer Program.
<table>
<thead>
<tr>
<th>Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EAP512 Policies &amp; Practices in Educational Management</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>One unit to be selected from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EAP518 Managing the Curriculum</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>MGN409 Introduction to Management</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EAP513 Educational Services Management</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>One unit to be selected from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSB110 Accounting</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>PRP502 Financial Management in Education Settings</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td><strong>Year 2, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EAP515 Human Resource Management in Education</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Elective Unit selected from Lists AC</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 2, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDP514 Field Project</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Elective Unit selected from Lists AC</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDP516 Extended Field Project ⁴</td>
<td>24</td>
<td></td>
</tr>
</tbody>
</table>

**Elective Units**

Note: Only one List B Elective Unit can be chosen for entire course.

**Semester 1**

**List A: Educational Management Elective Units (Faculty of Education)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDB440</td>
<td>Independent Study ⁵</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>LEB480</td>
<td>Research Methods in Education</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PRB417</td>
<td>Educators &amp; the Law</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

**List B: Business Elective Units (Faculty of Business)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSB116</td>
<td>Marketing &amp; International Business</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MGB323</td>
<td>Small Business Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MGN412</td>
<td>People in Organisations</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MGB303</td>
<td>Entrepreneurship</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Semester 2**

**List A: Educational Management Elective Units (Faculty of Education)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAP539</td>
<td>Transactions in Early Childhood</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>EDB440</td>
<td>Independent Study ⁵</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>PRB417</td>
<td>Educators &amp; the Law</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

**Summer Program**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAB440</td>
<td>Working with Parents &amp; Community</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

**List B: Business Elective Units (Faculty of Business)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSB116</td>
<td>Marketing &amp; International Business</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MGN410</td>
<td>Labour Management Relations (Gardens Point)</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

**List C: Other Elective Unit**

One unit may be chosen from across the University. Options must be negotiated with the Course Coordinator prior to enrolling in the unit.

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**Graduate Diploma in Education (Learning Support) (ED28)**

**Location:** Kelvin Grove campus

**Course Duration:** 1 year full-time/external, 2 years part-time/external

**Total Credit Points:** 96

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⁴ Students wishing to complete an Extended Field Project (24 credit points) must negotiate with the Course Coordinator prior to enrolment.

⁵ The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Ms Suzanne Carrington

Entry Requirements
To be eligible for admission, an applicant must:
(i) possess an appropriate university degree or Diploma of Teaching or equivalent
(ii) provide documentary evidence of a minimum of two years suitable teaching experience, and
(iii) provide contact details of two professional referees.

Full-Time/External Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEB480 Research Methods in Education</td>
<td>12</td>
</tr>
<tr>
<td>LEP523 Learners with Special Needs</td>
<td>12</td>
</tr>
<tr>
<td>LEP525 Programming for students with Learning Difficulties/Disabilities</td>
<td>12</td>
</tr>
<tr>
<td>PRP501 Curriculum: Learners with Special Needs</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPP501 Socio-cultural Issues in Education</td>
<td>12</td>
</tr>
<tr>
<td>LEP524 Consultation &amp; Communication</td>
<td>12</td>
</tr>
<tr>
<td>LEP526 Literacy &amp; Learning</td>
<td>12</td>
</tr>
<tr>
<td>MDP529 Diagnostic Assessment &amp; Remedial Intervention in Mathematics</td>
<td>12</td>
</tr>
</tbody>
</table>

Part-Time/External Course Structure
While all units are to be offered each year, students studying in the part-time/external modes are advised to enrol in the two-year cycle shown below if seeking to complete the course in minimum time. Those not pursuing course completion in minimum time may choose appropriate units as available.

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEP523 Learners with Special Needs</td>
<td>12</td>
</tr>
<tr>
<td>PRP501 Curriculum: learners with Special Needs</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEP524 Consultation &amp; Communication</td>
<td>12</td>
</tr>
<tr>
<td>LEP526 Literacy &amp; Learning</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEB480 Research Methods in Education</td>
<td>12</td>
</tr>
<tr>
<td>LEP525 Programming for Students with Learning Difficulties/Disabilities</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPP501 Socio-cultural Issues in Education</td>
<td>12</td>
</tr>
<tr>
<td>MDP529 Diagnostic Assessment &amp; Remedial Intervention in Mathematics</td>
<td>12</td>
</tr>
</tbody>
</table>

Graduate Diploma in Education (Teacher-Librarianship) (ED25)
Location: Kelvin Grove campus
Course Duration: 1 year full-time external; 2 years part-time or external
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Mr Geoff Chapman

Entry Requirements
To be eligible for admission, an applicant must:
(i) hold an appropriate degree, diploma or equivalent qualification, including an approved teaching qualification
(ii) have had proven satisfactory teaching experience, normally at least three years in the last ten
(iii) have personal suitability. Personal suitability is determined on the basis of a 750 word statement and referees reports.

Professional Recognition
The course is recognised by the Australian Library and Information Association as a specialist professional qualification.
Contact Hours/ Mode
This course is offered by external study.

Special Course Requirements
To meet course requirements students must complete satisfactorily five compulsory core units (60 credit points) and elective units equivalent to a total of 36 credit points.

Course Structure

**Core Units (60 credit points)**

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Unit Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAP527</td>
<td>Learning in the Information Age</td>
<td>12</td>
</tr>
<tr>
<td>LAP528</td>
<td>Resources for Learning</td>
<td>12</td>
</tr>
<tr>
<td>LAP529</td>
<td>Communication within an Information Environment</td>
<td>12</td>
</tr>
<tr>
<td>LAP530</td>
<td>Accessing Information Sources</td>
<td>12</td>
</tr>
<tr>
<td>LAP531</td>
<td>Field Program</td>
<td>12</td>
</tr>
</tbody>
</table>

**Elective Units (36 credit points)**

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Unit Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAP507</td>
<td>Australian Literature for Young People</td>
<td>12</td>
</tr>
<tr>
<td>LAP509</td>
<td>Directed Study</td>
<td>12</td>
</tr>
<tr>
<td>LAP515</td>
<td>Resource Services for Special Needs</td>
<td>12</td>
</tr>
<tr>
<td>LAP516</td>
<td>Special Seminar</td>
<td>12</td>
</tr>
<tr>
<td>LAP518</td>
<td>Visual Literacy &amp; Resource Design</td>
<td>12</td>
</tr>
<tr>
<td>LAP532</td>
<td>Bibliographic Organisation</td>
<td>12</td>
</tr>
<tr>
<td>LAP533</td>
<td>Major Project</td>
<td>24</td>
</tr>
</tbody>
</table>

Notes:

- In 1999/2000 some units may be available in an optional Summer Program to enable students to accelerate progression in their course. Please refer to the Course Summary Sheet for details.
- Students may select up to 24 credit points of elective units from the Graduate Diploma in Library Science and from other University courses approved by the Course Coordinator.

### Graduate Certificate in Education (ED61)

| Location: Kelvin Grove and Gardens Point campuses |
| Course Duration: 1 year part-time internal or external |
| Total Credit Points: 48 |
| Standard Credit Points/Full-Time Semester: 48 |
| Tuition Fees (Domestic Students): $60 per credit point (subject to change) |
| Course Coordinator: Dr Ian Ginns |

**Course Structure**

The Graduate Certificate in Education course consists of 48 credit points of units (usually four 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 course can be presented in standard, modularised and block form. Modules are designed to be attractive to teachers, students and regions as inservice activities.

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult and Organisational Learning</td>
<td></td>
</tr>
<tr>
<td>Entry Requirements: Refer to Bachelor of Education (Inservice) (ED26)</td>
<td></td>
</tr>
<tr>
<td>PRB309 Instructional Strategies in Adult &amp; Workplace Education</td>
<td>12</td>
</tr>
<tr>
<td>PRB302 Adult Education in the Workplace &amp; the Community</td>
<td>12</td>
</tr>
<tr>
<td>PRB307 Orientation to Adult &amp; Workplace Education</td>
<td>12</td>
</tr>
<tr>
<td>PRB308 The Group in Adult &amp; Workplace Education</td>
<td>12</td>
</tr>
</tbody>
</table>

**Adult and Workplace Education**

Entry Requirements: Refer to Master of Education (ED13)

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Unit Title</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDN603</td>
<td>Independent Study</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LEN608</td>
<td>Foundations of Adult Learning &amp; Development</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PRB302</td>
<td>Adult Education in the Workplace &amp; Community</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PRN613</td>
<td>Strategic Workplace Education &amp; the Learning Organisation</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
Advanced Skills Teacher

**Entry Requirements:** Refer to Bachelor of Education (Inservice) (ED26)

- PRB312 Open Learning & Flexible Delivery 12 3
- PRB412 Classroom Management: Models & Practice 12 3
- PRB414 Teaching Strategies 12 3
- PRB416 Classroom Assessment Practices 12 3

**Behaviour Management**

**Entry Requirements:** Refer to Master of Education (ED13)

- CPN613 Youth Focused Behaviour Management & Schools 12 3
- LEN611 Educational Intervention for Challenging Behaviour in the Classroom 12 3
- LEN612 Behaviour Management: Programs & Planning 12 3
- PRN635 Issues in Classroom Management 12 3

**Business Education**

**Entry Requirements:** Refer to Master of Education (ED13)

- PRN625 Business Administration/Communications Education 12 3
- PRN626 Strategies for Business Educators & Trainers 12 3
- PRN627 Strategies in Accounting & Business Management Education 12 3
- PRN628 Trends & Issues in Business Education & Training 12 3
- PRN629 Marketing in Educational Contexts 12 3

**Career Guidance**

**Entry Requirements:** Refer to Master of Education (ED13)

- LEB441 Educational Counselling 12 3
- LEN602 Advanced Educational Counselling 12 3
- LEN607 Career Development Programs 12 3
- LEN609 Career Theory 12 3
- LEN610 Career Counselling 12 3

**Note:** Students who have completed LEB441 in previous studies will complete LEN602.

**Computers in the Classroom**

**Entry Requirements:** Refer to Graduate Diploma in Education (Computer Education) (ED21)

- MDP506 Computer Education Project 12 3
- MDP508 Computer Use in the Primary Curriculum 12 3
- MDP530 Computer Applications in Education (core) 12 3
- MDP531 Investigations into Computer-aided Learning 12 3
- MDP536 Computer Graphics in Teaching 12 3
- MDP537 Major Issues in Computer Education (core) 12 3
- MDP538 Computers in the Secondary Curriculum 12 3

**Curriculum Development**

**Entry Requirements:** Refer to Bachelor of Education (Inservice) (ED26)

- PRB312 Open Learning & Flexible Delivery 12 3
- PRB410 Teachers & the Curriculum 12 3
- PRB417 Educators & the Law 12 3
- EAP518 Managing the Curriculum 12 3

**Educational Counselling**

**Entry Requirements:** Refer to Master of Education

- LEB441 Educational Counselling 12 3
- LEN602 Advanced Educational Counselling 12 3
- LEN603 Educational Counselling Professional Practice 12 3
- LEN607 Career Development Programs 12 3

**Educational Management**

**Entry Requirements:** Refer to Graduate Diploma in Education (Educational Management) (ED23)

- EAP512 Policies & Practices in Educational Management (core) 12 3
- EAP513 Educational Services Management (core) 12 3
- EAP515 Human Resource Management in Education 12 3
- EAP518 Managing the Curriculum 12 3
- PRB417 Educators & the Law 12 3
- PRP502 Financial Management in Education Settings 12 3
Equity Policy

Entry Requirements: Refer to Bachelor of Education (Inservice) (ED26)
CPB442 Cultural Diversity & Education 12 3
CPB444 Issues in Indigenous Education 12 3
CPB446 Gender & Sexuality Issues for Teachers 12 3

Higher Education

Entry Requirements: The student must:
(i) hold at least a first degree in a discipline or professional area
(ii) be currently teaching in higher education
(iii) normally, have no formal preparation or qualification in education.

Academic Staff Development Unit (Gardens Point campus)
EDP601 The Reflective Practitioner in Higher Education 12 3
EDP602 Adult Learning & Teaching in Higher Education 12 3
EDP603 Higher Education in Australia: Issues & Contexts 12 3
EDP604 Program Design & Evaluation in Higher Education 12 3

Information Literacy

Entry Requirements: Refer to Graduate Diploma in Education (Teacher-Librarianship) (ED25)
LAP527 Learning in the Information Age 12 3
LAP528 Resources for Learning 12 3
LAP529 Communication within an Information Environment 12 3
LAP530 Accessing Information Sources 12 3

Information Technology Education

Entry Requirements: Refer to Master of Education (ED13)
MDN619 Technologically Supported Teaching & Learning Environments 12 3
MDN623 Communications Technology in Education 12 3
MDN632 Databases in an Educational Context 12 3
MDN633 Curriculum Studies in Technology Education 12 3

Students lacking recent experience or study in information technology education are advised to begin their studies with MDN633 which is designed to provide foundation studies. All students must have, as a minimum, access to a reliable electronic mail facility using the Internet to effectively take part in these units.

Leadership and Management

Entry Requirements: Refer to Master of Education (ED13)
CPN603 Changing Agendas in Leadership (core) 12 3

One core unit to be selected from:
CPN605 Organisational Cultures & Education Leadership 12 3
CPN606 Leadership, Work & Careers 12 3
CPN607 Global Change & Educational Leadership 12 3
CPN609 School-based Management & Policy Development 12 3
CPN615 Equity Policy & Educational Management 12 3
CPN616 Education Management Processes & Strategies 12 3
CPN617 Managing & Leading Education Personnel 12 3

Either:
EDN603 Independent Study 12 3
OR
EDN608 Project 24 3

Students who undertake the unit EDN603 Independent Study will negotiate an additional 12 credit point unit with the Area of Interest Coordinator. This unit will be at masters level and be consistent with the area of interest objectives.

Learning Leadership

Entry Requirements: Refer to Master of Education (ED13)
This Area of Interest will use modules and/or units from all Areas of Interest in the Graduate Certificate in Education (ED61) course and Master of Education (ED13) course. It may include modules which are not drawn from existing units.

1 Subject to approval.
Learning Support

**Entry Requirements:** Refer to Graduate Diploma in Education (Learning Support) (ED28)

- CPP501 Socio-cultural Issues in Education 12 3
- LEP523 Learners with Special Needs 12 3
- LEP524 Consultation & Communication 12 3
- LEP525 Programming for Students with Learning Difficulties/Disabilities 12 3

**Literacy and Numeracy**

**Entry Requirements:** Refer to Master of Education (ED13)

- LAN623 Investigating Language & Literacy Teaching & Learning 12 3
- LAN624 Literacy/ESL Programming & Assessment 12 3
- MDN624 Curriculum Studies in Mathematics 12 3
  - OR
- MDB447 Mathematics Curriculum (Masters level assessment)
- MDN627 Student Assessment in Mathematics 12 3
- LAN611 Adult Workplace Literacy and Numeracy (subject to Area of Interest Coordinators approval)

**Mathematics Education**

**Entry Requirements:** Refer to Bachelor of Education (Inservice) (ED26)

- EDB440 Independent Study 5 12
- EDB442 Integrated Professional Seminars 12 3
- MDB411 Early Childhood Mathematics Teaching, Learning & Assessment 12 3
- MDB447 Mathematics Curriculum 12 3
- MDP529 Diagnostic Assessment & Remedial Intervention in Mathematics 12 3

**Mathematics Education (Advanced)**

**Entry Requirements:** Refer to Master of Education (ED13)

- EDN602 Advanced seminars 12 3
- EDN603 Independent Study 12 3
- MDB447 Mathematics Curriculum 12 3
- MDN624 Curriculum Studies in Mathematics 12 3
- MDN625 The Psychology of Mathematics Education 12 3
- MDN626 Pedagogy in Mathematics Education 12 3
- MDN627 Student Assessment in Mathematics 12 3

**School-Based Management**

**Entry Requirements:** Refer to Master of Education (ED13)

- CPN603 Changing Agendas in Leadership 12
- CPN609 School-Based Management & Policy Development 12

An additional 24 credit points will be made up from the satisfactory completion of a number of specified content and assessment modules.

**Science Education**

**Entry Requirements:** Refer to Master of Education (ED13)

- EDN602 Advanced Seminars
- EDN603 Independent Study
- MDN628 Curriculum Studies in Science Education
- MDN629 Reasoning in Science Education
- MDN630 Learning & Teaching in Science Education
- MDN631 Information-Based Technologies in Science Education

---

**Graduate Certificate in Education – Teaching English to Speakers of Other Languages (TESOL) (ED77)**

**Location:** Kelvin Grove campus

**Course Duration:** 1 semester full-time, or 2 semesters part-time

**Total Credit Points:** 48

**Tuition Fees Domestic Students:** $720 per 12 credit point unit ($60 per credit point)

**Course Coordinator:** Dr Penny McKay

5 The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.
Entry Requirements
Refer to Master of Education (TESOL) course.

Course Structure
The Graduate Certificate in Education (TESOL) consists of four units taken from the MEd (TESOL) course. Studies can be undertaken in either the full-time or part-time mode.

Students in the GradCertEd (TESOL) have a choice of units. Students enrol in the two core units:

<table>
<thead>
<tr>
<th>Code</th>
<th>Unit Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAN608</td>
<td>Second Language Acquisition</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAN612</td>
<td>Principles of Second Language Methodology</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

and choose two electives from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Unit Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDN608</td>
<td>Project</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EDN611</td>
<td>Understanding Educational Research</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAN613</td>
<td>Second Language Curriculum Design Options</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAN614</td>
<td>Research Methods in Second Language Education</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAN615</td>
<td>Directed Reading in Second Language Education</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAN616</td>
<td>Language Assessment &amp; Program Evaluation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAN617</td>
<td>Personalised Language Development</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAN618</td>
<td>Technology &amp; Second Language Learning</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAN619</td>
<td>Functional Grammar</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAN620</td>
<td>Language &amp; Culture</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Following completion of four units in the GradCertEd (TESOL) a student may elect to continue studies into the MEd (TESOL).

Bachelor of Early Childhood Studies (ED43)

Location: Kelvin Grove campus

Course Duration: 3 years full-time

Total Credit Points: 288

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr John Fanshawe

Associate Course Coordinator: Dr Gail Halliwell

Entry Requirements
Refer to Bachelor of Education (Early Childhood) course (ED52).

Course Structure
Students complete the first three semesters of the Bachelor of Education (Early Childhood) (ED52) course. During the third semester of the course interested students submit an application to the QUT Admissions Office to move into the Bachelor of Early Childhood Studies (ED43) (BECST) structure. Successful applicants will move into the following structure and exit with a three-year qualification specific to the child care area. The BECST course will provide its graduates with a three-year qualification that will enable them to be employed in the child care sector only. Students will not be eligible for registration as a teacher.

Special Note: Graduates of the Bachelor of Early Childhood Studies course may apply after one years work experience for entry to a modified fourth year of the Bachelor of Education (Early Childhood) course.

<table>
<thead>
<tr>
<th>Year 1, Semester 1 (completed in ED52)</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB342 Education in Context</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>EAB351 Family Studies &amp; Early Childhood Education</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MDB386 Mathematics Foundations</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Discipline Foundation Elective Unit (see List 1)</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2 (completed in ED52)</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAB345 Early Childhood Curriculum: Language Education</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>LAB344 Language &amp; Literacy Foundations</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LEB335 Human Development &amp; Education</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Discipline Foundation Elective Unit (see List 1)</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
## Bachelor of Early Childhood Studies (ED43)  
### Course Structure

<table>
<thead>
<tr>
<th>STRAND</th>
<th>YEAR 1</th>
<th>YEAR 2</th>
<th>YEAR 3</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 2</strong></td>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 2</strong></td>
</tr>
<tr>
<td></td>
<td>Education in Context (12)</td>
<td>Human Development &amp; Education (12)</td>
<td>Early Childhood Professional Practice 1: Child Care (12) (4 weeks)</td>
<td>36</td>
</tr>
<tr>
<td><strong>EDUCATION STUDIES</strong></td>
<td></td>
<td></td>
<td>Early Childhood Professional Practice 3: Preschool/Kindergarten (12) (4 weeks)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Early Childhood Professional Practice 4: Choice (12) (4 weeks)</td>
<td></td>
</tr>
<tr>
<td><strong>PROFESSIONAL PRACTICE</strong></td>
<td></td>
<td></td>
<td></td>
<td>36</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Early Childhood Curriculum: Arts (12)</td>
<td>Advanced Early Childhood Curriculum: Literacy &amp; Numeracy in the Early Years (12)</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Advanced Integrated Early Childhood Curriculum (12)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Early Childhood Curriculum Elective (12)</td>
<td></td>
</tr>
<tr>
<td><strong>DISCIPLINE/CONTENT STUDIES</strong></td>
<td>Mathematics Foundations (12)</td>
<td>Language and Literacy Foundations (12)</td>
<td>Discipline Foundation Elective (12)</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>Discipline Foundation Elective (12)</td>
<td>Discipline Foundation Elective (12)</td>
<td></td>
<td></td>
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</tbody>
</table>

| TOTAL | 48 | 48 | 48 | 48 | 48 | 48 | 288 |
### Year 2, Semester 1 (completed in ED52)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAB346</td>
<td>Early Childhood Curriculum: Science/Society &amp; the Environment</td>
<td>12</td>
</tr>
<tr>
<td>EAB442</td>
<td>Early Childhood Foundations 1</td>
<td>12</td>
</tr>
<tr>
<td>EAB347</td>
<td>Early Childhood Curriculum: Early Mathematics Explorations</td>
<td>12</td>
</tr>
<tr>
<td>EAB348</td>
<td>Early Childhood Curriculum: Arts</td>
<td>12</td>
</tr>
</tbody>
</table>

### Year 2, Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAB349</td>
<td>Advanced Early Childhood Curriculum: Arts</td>
<td>12</td>
</tr>
<tr>
<td>EAB443</td>
<td>Early Childhood Foundations 2</td>
<td>12</td>
</tr>
<tr>
<td>PRB422</td>
<td>Early Childhood Professional Practice 1: Child Care</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Discipline Foundation Elective (see List 1)</td>
<td>2.5</td>
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</table>

### Year 3, Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAB350</td>
<td>Advanced Early Childhood Curriculum: Literacy &amp; Numeracy in the Early Years</td>
<td>12</td>
</tr>
<tr>
<td>EAB412</td>
<td>Advanced Integrated Early Childhood Curriculum</td>
<td>12</td>
</tr>
<tr>
<td>PRB424</td>
<td>Early Childhood Professional Practice 3: Preschool/Kindergarten</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Early Childhood Curriculum Elective Unit</td>
<td></td>
</tr>
</tbody>
</table>

### Year 3, Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAB413</td>
<td>Management of Early Childhood Services</td>
<td>12</td>
</tr>
<tr>
<td>EAB444</td>
<td>Early Childhood Foundations 3</td>
<td>12</td>
</tr>
<tr>
<td>PRB425</td>
<td>Early Childhood Professional Practice 4: Choice</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Education Studies Elective Unit (see List 2)</td>
<td></td>
</tr>
</tbody>
</table>

### List 1: Discipline Foundation Elective Units

**Studies in Society and Environment**

- PRB371 Social & Environmental Foundations | 12 | 3

**Health and Physical Education**

- HMB171 Fitness, Health & Wellness | 12 | 3

**Visual and Performing Arts**

- AAB918 Arts Foundation Studies | 12 | 3

**Science**

- MDB387 Science Foundations | 12 | 3

**Technology**

- MDB385 Information Technologies in Education | 12 | 3

### List 2: Education Studies Elective Units

Students select one unit from either Group A or Group B.

### Group A: Professional Work of Educators

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB330</td>
<td>ATSI Education Policy</td>
<td>12</td>
</tr>
<tr>
<td>CPB331</td>
<td>Asian Culture &amp; Education</td>
<td>12</td>
</tr>
<tr>
<td>CPB334</td>
<td>Powerful Teachers, Powerful Students</td>
<td>12</td>
</tr>
<tr>
<td>CPB442</td>
<td>Cultural Diversity &amp; Education</td>
<td>12</td>
</tr>
<tr>
<td>CPB446</td>
<td>Gender &amp; Sexuality Issues for Teachers</td>
<td>12</td>
</tr>
<tr>
<td>EDB440</td>
<td>Independent Study(^5)</td>
<td>12</td>
</tr>
<tr>
<td>LAB346</td>
<td>Teaching Students from Non-English Speaking Backgrounds</td>
<td>12</td>
</tr>
<tr>
<td>LEB441</td>
<td>Education Counselling</td>
<td>12</td>
</tr>
<tr>
<td>LEB443</td>
<td>Human Sexuality &amp; Learning</td>
<td>12</td>
</tr>
<tr>
<td>LEB444</td>
<td>Human Sexuality &amp; Development</td>
<td>12</td>
</tr>
<tr>
<td>LEB480</td>
<td>Research Methods in Education</td>
<td>12</td>
</tr>
<tr>
<td>MDB300</td>
<td>Teaching in the Information Age</td>
<td>12</td>
</tr>
<tr>
<td>PRB300</td>
<td>Education Law &amp; the Beginning Teacher</td>
<td>12</td>
</tr>
<tr>
<td>PRB331</td>
<td>Learning/Teaching Environments</td>
<td>12</td>
</tr>
<tr>
<td>PRB413</td>
<td>Teachers &amp; Isolated Learners</td>
<td>12</td>
</tr>
<tr>
<td>PRB414</td>
<td>Teaching Strategies</td>
<td>12</td>
</tr>
<tr>
<td>PRB415</td>
<td>Introduction to Educational Administration</td>
<td>12</td>
</tr>
<tr>
<td>PRB416</td>
<td>Classroom Assessment Practices</td>
<td>12</td>
</tr>
</tbody>
</table>

\(^5\) The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.
Group B: Difference and Diversity Among Learners

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB336</td>
<td>Education &amp; Cultural Diversity</td>
<td>12 3</td>
</tr>
<tr>
<td>CPB337</td>
<td>Gender &amp; Education</td>
<td>12 3</td>
</tr>
<tr>
<td>CPB338</td>
<td>Identifying &amp; Responding to Student Differences</td>
<td>12 3</td>
</tr>
<tr>
<td>CPB339</td>
<td>Teaching Aboriginal &amp; Torres Strait Islander Students</td>
<td>12 3</td>
</tr>
<tr>
<td>CPB344</td>
<td>Values &amp; Ethics in Teaching</td>
<td>12 3</td>
</tr>
<tr>
<td>EDB440</td>
<td>Independent Study (only one permitted)</td>
<td>12 3</td>
</tr>
<tr>
<td>LEB331</td>
<td>Teaching Children with Low Incidence Disabilities</td>
<td>12 3</td>
</tr>
<tr>
<td>LEB332</td>
<td>Teaching Exceptional Students</td>
<td>12 3</td>
</tr>
<tr>
<td>LEB337</td>
<td>Gifted Learners</td>
<td>12 3</td>
</tr>
<tr>
<td>PRB332</td>
<td>Classroom &amp; Behaviour Management</td>
<td>12 3</td>
</tr>
</tbody>
</table>

List 3: Curriculum Elective Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAB414</td>
<td>Research in Early Childhood Development &amp; Education</td>
<td>12 4</td>
</tr>
<tr>
<td>EAB415</td>
<td>Resource/Support Programs in Early Childhood</td>
<td>12 4</td>
</tr>
<tr>
<td>EAB416</td>
<td>Early Childhood Art Education</td>
<td>12 4</td>
</tr>
<tr>
<td>EAB417</td>
<td>Creating Curriculum with Young Children</td>
<td>12 4</td>
</tr>
<tr>
<td>EAB418</td>
<td>Studies in Narrative for Young Children</td>
<td>12 4</td>
</tr>
<tr>
<td>EAB419</td>
<td>Music Education for Diverse Learners</td>
<td>12 4</td>
</tr>
<tr>
<td>EAB420</td>
<td>Children, Teachers &amp; the Environment</td>
<td>12 4</td>
</tr>
<tr>
<td>EAB421</td>
<td>Everyday Food Learning</td>
<td>12 4</td>
</tr>
<tr>
<td>EAB422</td>
<td>Technology &amp; the Young Child</td>
<td>12 4</td>
</tr>
<tr>
<td>EAB445</td>
<td>Applied Studies of Children in Early Childhood Contexts</td>
<td>12 4</td>
</tr>
<tr>
<td>EDB440</td>
<td>Independent Study</td>
<td>12 3</td>
</tr>
</tbody>
</table>

Students who commenced the BECST prior to 1999 should contact the Faculty for advice or an appropriate enrolment program.

Special Note for all BECS Students

BECS graduates wanting to upgrade their qualification at a later date may apply after one year full-time (or equivalent) work experience for entry to a fourth year of study. Information about the structure to be undertaken can be obtained from the Faculty.

Bachelor of Education (In-service) (ED26)

Location: Kelvin Grove, Carseldine and Gardens Point campuses
Course Duration: 1 year full-time, 2 years part-time or external
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr John Lidstone

Entry Requirements

Applicants will be admitted to the course who:

(i) hold a diploma or equivalent at a standard acceptable to the Dean of the Faculty; or
(ii) hold other qualifications and experience acceptable to the Dean.

A statement of teaching service should be provided with the admission application.

Course Structure

Compulsory Units

Students must complete at least four units from the Faculty of Education. These four units will include the two core units, CPB343 Understanding Educational Practices and PRB410 Teachers and the Curriculum, plus two electives from the Faculty of Education.

Elective Units

Option 1: Students may undertake four 12 credit point units from the Faculty of Education units listed in the Elective lists or from the following Faculty of Education postgraduate or pre-service courses (subject to course rules):

5 The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.
Graduate Diploma in Education (Inservice)
ED20  GDipEd(Early Childhood)
ED21  GDipEd(Computer Education)
ED23  GDipEd(Educational Management)
ED25  GDipEd(Teachers-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 and Workplace Education)

If units are taken from these other courses, students are required to consult the relevant Course Coordinator.

Option 2: Students may undertake four 12 credit point units offered by other Faculties within QUT. Written approval must be obtained from the Unit Coordinator offering the elective.

Option 3: Students may undertake four 12 credit point units from a combination of Options 1 and 2.

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 & Workplace Education
- Art Education
- Arts in Early Childhood
- Business Education
- Culture & Policy
- Curriculum & Professional
- Early Childhood
- Environmental Education
- Human Relationship Education
- Language & Literacy
- Learning & Development
- Learning Support
- Mathematics, Science & Technology Education
- Social Education
- Educational Management
- Computer Education
- Teacher-Librarianship

FACULTY OF EDUCATION UNITS

<table>
<thead>
<tr>
<th>Core Units</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB343 Understanding Educational Practices</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PRB410 Teachers &amp; the Curriculum</td>
<td>12</td>
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Elective Units
EDB440 Independent Study⁵ 12
EDB442 Integrated Professional Seminars 12

Cultural and Policy Studies
CPB340 Context of Adult & Workplace Education 12 3
CPB424 Understanding Schools & their Communities 12 3
CPB426 Using History in Education Research 12 3
CPB442 Cultural Diversity & Education 12 3
CPB444 Issues in Indigenous Education 12 3
CPB446 Gender & Sexuality Issues for Teachers 12 3
CPB447 The Pleasure of Teaching & Learning 12 3

Professional Studies
PRB302 Adult Education in the Workplace & Community 12 3
PRB307 Orientation to adult & Workplace Programs 12 3
PRB308 The Group in Adult & Workplace Education 12 3
PRB309 Instructional Strategies for Adult & Workplace Educators 12 3

⁵ The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.
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<td>PRB345</td>
<td>Secondary Professional Practice 3: The Inclusive Curriculum</td>
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<td>Secondary Professional Practice 4: Beginning Teaching</td>
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<td>PRB412</td>
<td>Classroom Management: Models &amp; Practice</td>
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<td>PRB413</td>
<td>Teachers &amp; Isolated Learners</td>
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<td>Dance Education in Early Childhood</td>
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<td>From Play to Drama in Early Childhood Education</td>
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<td>EAP553</td>
<td>Music in Early Childhood Education</td>
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<td>The Artistic Process &amp; the Visual Arts in Early Childhood Education</td>
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<td>Language Curriculum Development &amp; Critiques</td>
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<td>Trends in the Teaching of Writing</td>
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<td>Childrens Literature</td>
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<td>Trends in the Teaching of Reading</td>
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<td>LAB451</td>
<td>Storytelling: Cultural Perspectives</td>
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<td>The Individual in Adult &amp; Workplace Education</td>
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<td>Interpersonal Psychology in Education</td>
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<td>Human Sexuality &amp; Learning</td>
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<td>Early Childhood Mathematics Teaching, Learning &amp; Assessment</td>
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<td>Art Education Program Design &amp; Practice</td>
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<td>Physical Education Curriculum: Secondary</td>
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<td>Administration in Physical Education &amp; Sport</td>
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6 These units are only available to students covered by special funding provided by the Commonwealth Government of Australia.
Bachelor of Education (Adult and Workplace Education) (ED54)

Location: Kelvin Grove campus

Course Duration: 2 years full-time, 4 years part-time or external

Total Credit Points: 384 (192 granted as credit on entry)

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr John Fanshawe

Associate Course Coordinator: Dr Christine Velde

Entry Requirements

Applicants must have completed Year 12 or equivalent with Sound Achievement in English over four semesters, and have completed the equivalent of two years of full-time tertiary study in a discipline area demonstrably relevant to the career path being pursued by the applicant; or Diploma/Associate Diploma and two years relevant work experience or a trade certificate and then years relevant work experience; or other studies and work experience considered equivalent by the University.

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.

Full-Time Course Structure

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<th>Year, Semester</th>
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<td>PRB304/1</td>
<td>Field Experience 2&lt;sup&gt;8&lt;/sup&gt;</td>
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<tr>
<td>OR</td>
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<td>LEB333</td>
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<td>OR</td>
<td>Secondary Professional Practice 2: The Inclusive Curriculum</td>
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<td>OR</td>
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<sup>7</sup> Students seeking qualifications in a secondary school teaching area undertake a modified course structure. This option is only available to students who have previous studies at university level in the teaching area they wish to take. Students should contact the Faculty for advice.

<sup>8</sup> Full year unit worth a total of 12 credit points.
BACHELOR OF EDUCATION (ADULT & WORKPLACE EDUCATION) (ED54)
COURSE STRUCTURE (FULL-TIME)

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<td>Adult Learning and Development (12)</td>
<td>Organisation and Administration of Adult and Workplace Education (12)</td>
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<td>Orientation to Adult and Workplace Programs (12)</td>
<td>The Group in Adult and Workplace Education (12)</td>
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<td>Instructional Strategies for Adult and Workplace Education (12)</td>
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</table>

8 Full year unit worth a total of 12 credit points.
PRB306  Field Experience 4  12
OR
PRB346  Secondary Professional Practice 4: Beginning Teaching  12

Part-Time/External Course Structure

Year 1, Semester 1
PRB302  Adult Education in the Workplace & Community  12  3
PRB307  Orientation to Adult & Workplace Programs  12  3

Year 1, Semester 2
PRB309  Instructional Strategies for Adult & Workplace Educators  12  3
LEB333  Adult Learning & Development  12  3

Year 2, Semester 1
PRB303/1  Field Experience 1  12  6
PRB304/1  Field Experience 2  12  6
PRB308  The Group in Adult & Workplace Education  12  3

Year 2, Semester 2
CPB340  Context of Adult & Workplace Education  12  3
PRB303/2  Field Experience 1  12  6
PRB304/2  Field Experience 2  12  6

Year 3, Semester 1
PRB310  Programming in Adult & Workplace Education  12  3
PRB376  Organisation & Administration of Adult & Workplace Education  12  3

Year 3, Semester 2
LEB338  The Individual in Adult & Workplace Education  12  3
PRB305  Field Experience 3  12

Year 4, Semester 1
Curriculum Studies Elective (See List 1)  12  3
Education Studies Elective (See List 2)  12  3

Year 4, Semester 2
Education Studies Elective (See List 2)  12  3
PRB306  Field Experience 4  12

List 1: Curriculum Studies Elective Units
EDB440  Independent Study  12  3
LAB339  Adult Literacy & Second Language Learners  12  3
LEB334  Acquisition & Adaptability of Workplace Knowledge & Skills  12  3
MDB382  Problem Solving, Critical Thinking & Futuring  12  3
PRB312  Open Learning & Flexible Delivery  12  3
PRB419  Environmental Education  12  3

List 2: Education Studies Elective Units
Select two electives from the following three sets. Up to two may be chosen from any set.

Group A: Professional Work of Educators
CPB330  Aboriginal & Torres Strait Islander Education Policy  12  3
CPB331  Asian Culture & Education  12  3
CPB334  Powerful Teachers, Powerful Students  12  3
CPB442  Cultural Diversity & Education  12  3
CPB446  Gender & Sexuality Issues for Teachers  12  3
EDB440  Independent Study  12  3
LAB346  Case Studies in Adult & Family Literacy  12  3
LAB347  Teaching Students from Non-English Speaking Backgrounds  12  3
LEB441  Educational Counselling  12  3
LEB443  Human Sexuality & Learning  12  3
LEB444  Human Sexuality & Development  12  3

5 The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.
8 Full year unit worth a total of 12 credit points
# BACHELOR OF EDUCATION (ADULT & WORKPLACE EDUCATION (ED54))

## COURSE STRUCTURE (PART-TIME)

<table>
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<tr>
<th>STRAND</th>
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<th>YEAR 3</th>
<th>YEAR 4</th>
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<td>Organisation and Administration of Adult and Workplace Education (12)</td>
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8. Full year unit worth a total of 12 credit points.

9. Students commencing study mid-year undertake a modified course structure, as shown on the following pages.
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<td>Education, Law &amp; the Beginning Teacher</td>
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<td>Learning/Teaching Environments</td>
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<td>Teaching Strategies</td>
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<td>PRB416</td>
<td>Classroom Assessment Practices</td>
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<td>CPB336</td>
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<td>CPB337</td>
<td>Gender &amp; Education</td>
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<tr>
<td>CPB338</td>
<td>Identifying &amp; Responding to Student Differences</td>
<td>12</td>
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<td>CPB339</td>
<td>Teaching Aboriginal &amp; Torres Strait Islander Students</td>
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<td>Teaching Exceptional Students</td>
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**Bachelor of Education (Early Childhood) (ED52)**

Location: Kelvin Grove campus

Course Duration: 4 years full-time

Total Credit Points: 384

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr John Fanshawe

Associate Course Coordinator: Dr Gail Halliwell

**Course Structure**

<table>
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<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>CPB342</td>
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<tr>
<td>EAB351</td>
<td>Family Studies &amp; Early Childhood Education</td>
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<td>MDB386</td>
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<td>LAB344</td>
<td>Language &amp; Literacy Foundations</td>
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<td>Discipline Foundation Elective (See List 1)</td>
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Students entering the second year of the course, and who are carrying no more than two failed units from their study in the first year of the course, have the option to apply to transfer into the Bachelor of Early Childhood Studies (BECST) course for their fourth semester of study. The BECS course provides graduates with a three-year qualification that will enable them to be employed in the child care sector only. Students will not be eligible for registration as a teacher. The BECS course is three years duration comprising the first three semesters and a selection of studies from the remainder of the Bachelor of Education (Early Childhood). Interested applicants should refer to the BECS section of this Handbook for detail on the relevant course structure.

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5 The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.
<table>
<thead>
<tr>
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<td>PRB423</td>
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<td>PRB424</td>
<td>Early Childhood Professional Practice 3: Preschool/Kindergarten</td>
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<td>4, Semester 2</td>
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<td>Management of Early Childhood Services</td>
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<td>PRB425</td>
<td>Early Childhood Professional Practice 4: Choice</td>
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List 1: Discipline Foundation Elective Units

**Studies in Society and Environment**
- PRB371 Social & Environmental Foundations

**Health and Physical Education**
- HMB171 Fitness, Health & Wellness

**Visual and Performing Arts**
- AAB918 Arts Foundations Studies

**Science**
- MDB387 Science Foundations

**Technology**
- MDB385 Information Technologies in Education

List 2: Discipline Minor Elective Units

**Language**
- LAB441 Childrens Literature
- LAB451 Storytelling: Cultural Perspectives
- LAB452 Media Literacy & the School

**Mathematics**
- MDB347 Excursions in Number
- MDB388 Gaming & Chance
- MDB396 Excursions in Geometry

**Studies of Society and Environment**
- PRB378 Knowing Your Environment
- PRB379 The Consumer, Society & the Environment
- PRB380 Future Societies & Environments – Australia, Asia & the Pacific
Health and Physical Education
HMB333 Child & Adolescent Health 12 3
HMB376 Motor Development in Children 12 4
Plus one of:
HMB314 Performance Skills 1 12 6
HMB315 Performance Skills 2 12 6
HMB316 Performance Skills 3 12 6

Visual and Performing Arts
Three level one units from the selected Arts discipline area. Areas available are Music, Visual Arts, Drama and Dance. Students must satisfy any specific entry requirements for Arts units. This could include auditions, portfolios, etc.

Science
MDB389 Life & Living Processes 12 3
MDB390 Natural & Processed Materials 12 3
MDB391 Earth & Space 12 3

Technology
MDB392 Educational Computing Environments 12 3
MDB393 Networked Communities 12 3
MDB397 Multimedia 12 3

List 3: Education Studies Elective Units
Students select one unit from Group A and one unit from Group B.

Group A: Professional Work of Educators
CPB330 ATSIEducation Policy 12 3
CPB331 Asian Culture & Education 12 3
CPB334 Powerful Teachers, Powerful Students 12 3
CPB442 Cultural Diversity & Education 12 3
CPB446 Gender & Sexuality Issues for Teachers 12 3
EDB440 Independent Study 5 12 3
LAB346 Case Studies in Adult & Family Literacy 12 3
LAB347 Teaching Students from Non-English Speaking Backgrounds 12 3
LEB441 Education Counselling 12 3
LEB443 Human Sexuality & Learning 12 3
LEB444 Human Sexuality & Development 12 3
LEB480 Research Methods in Education 12 3
MDB300 Teaching in the Information Age 12 3
PRB300 Education Law & the Beginning Teacher 12 3
PRB331 Learning/Teaching Environments 12 3
PRB413 Teachers as Isolated Learners 12 3
PRB414 Teaching Strategies 12 3
PRB415 Introduction to Educational Administration 12 3
PRB416 Classroom Assessment Practices 12 3

Groups B: Difference and Diversity Among Learners
CPB336 Education & Cultural Diversity 12 3
CPB337 Gender & Education 12 3
CPB338 Identifying & Responding to Student Differences 12 3
CPB339 Teaching Aboriginal & Torres Strait Islander Students 12 3
CPB344 Values & Ethics in Teaching 12 3
EDB440 Independent Study (only one permitted) 5 12 3
LEB331 Teaching Children with Low Incidence Disabilities 12 3
LEB332 Teaching Exceptional Students 12 3
LEB337 Gifted Learners 12 3
PRB332 Classroom & Behaviour Management 12 3

List 4: Curriculum Elective Units
EAB414 Research in Early Childhood Development & Education 12 4
EAB415 Resource/Support Programs in Early Childhood 12 4
EAB416 Early Childhood Art Education 12 4

5 The unit 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 (Early Childhood) (ED52)

### Course Structure

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<td><strong>Professional Practice</strong></td>
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<td>Field Experience (1 weeks)</td>
<td>Field Experience (1 week)</td>
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EAB417 Creating Curriculum with Young Children 12 4
EAB418 Studies in Narrative for Young Children 12 4
EAB419 Music Education for Diverse Learners 12 4
EAB420 Children, Teachers & the Environment 12 4
EAB421 Everyday Food Learning 12 4
EAB422 Technology & the Young Child 12 4
EAB445 Applied Studies of Children in Early Childhood Contexts 12 4
EDB440 Independent Study 6 12 3

Bachelor of Education (Preservice Early Childhood) (ED53)

Location: Kelvin Grove campus
Course Duration: 4 years part-time external
Total Credit Points: 384
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr John Fanshawe
Associate Course Coordinator: Dr Barry Burdon

Entry Requirements
Admission is dependent upon the award of 192 credit points for unspecified units. Entry is restricted to applicants who are graduates of TAFE Diploma in Education (Child Care) or equivalent and relevant two-year tertiary-level courses, and who have had the equivalent of two years full-time employment in early childhood care and education services.

Course Structure

Year 1, Semester 2 (mid-year entry)
EAB334 Early Childhood Foundations A 12
EAB340 Programs for Infants & Toddlers 12

Year 2, Semester 1
EAB308 Early Childhood Sciences, Mathematics & Technology 12
EAB335 Early Childhood Language & Arts Education 1 12

Year 2, Semester 2
EAB324 Integrating Young Children with Special Needs into Early Childhood Programs 12
EAB413 Management of Early Childhood Services 12

Year 3, Semester 1
EAB333 Early Childhood Education: Community Context 12
PRB340 Practice Teaching 1 (0-5 years) 12

Year 3, Semester 2
EAB336 Early Childhood Foundations B 12
LEB336 Psychology of Learning & Teaching 12

Year 4, Semester 1
CPB343 Understanding Educational Practices 12
EAB337 Integrated Early Childhood Curriculum 12
OR
Negotiated other Bachelor of Education (Inservice) (ED26) unit

Year 4, Semester 2
CPB444 Issues in Indigenous Education 12
PRB341 Practice Teaching 2 (0-5 years) 12

Year 5, Semester 1
EAB338 Early Childhood Language & Arts Education 2 12
OR
Negotiated other Bachelor of Education (Inservice) (ED26) unit
PRB342 Practice Teaching 3 (alternative settings) 12

The unit 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 (Preservice Early Childhood) (ED53)

### Course Structure

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<th>YEAR 1</th>
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<th>YEAR 3</th>
<th>YEAR 4</th>
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<td>Practice Teaching 1 (0-5 years) 20 days (12)</td>
<td>Psychology of Learning and Teaching (12)</td>
<td>Understanding Educational Practices (12)</td>
<td>Issues in Indigenous Education (12)</td>
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<td>Management of Early Childhood Services (12)</td>
<td>Integrating Young Children with Special Needs in Early Childhood Programs (12)</td>
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## Bachelor of Education (Primary) (ED51)

**Location:** Kelvin Grove campus  
**Course Duration:** 4 years full-time  
**Total Credit Points:** 384  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Dr John Fanshawe  
**Associate Course Coordinator:** Ms Tania Aspland

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<td>CPB342 Education in Context</td>
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<td>LAB344 Language &amp; Literacy Foundations</td>
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<td>LEB335 Human Development &amp; Education</td>
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\[10\] For students following the LOTE program only.
**Year 3, Semester 2**

CPB343 Understanding Educational Practices  
LAB343 Language/Mathematics Curriculum 2  
and either:

- Discipline Studies Elective 3 (See List 1)  
- Discipline Studies Elective 4 (see List 1)  
- LOTE 6 – (see List 2)  
- MDB385 Information Technologies in Education

**Year 4, Semester 1**

PRB349 Primary Professional Practice 3: The Inclusive Curriculum  
PRB385 Studies of Society & Environment/Health & Physical Education Curriculum 2  
and either:

- Programming & Assessment in Language & Mathematics  
- MDB387 Science Foundations  
- LAB334 Primary LOTE Curriculum Study

**Year 4, Semester 2**

Education Studies Elective 1 (See List 3)  
Education Studies Elective 2 (See List 3)  
PRB350 Primary Professional Practice 4: Reflective Practice  
Curriculum Studies Elective (See List 3)

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**List 1: Discipline Studies Elective Units**

All students (except those following the LOTE pathway) take a total of five 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 last two units from the same elective group to complete the specified major, or from any offerings at QUT at all.

**LANGUAGE**

**Minor:**

- LAB441 Childrens Literature  
- LAB451 Storytelling: Cultural Perspectives  
- LAB452 Media Literacy & the School

**Major:**

Completion of the units in minor and:

- LAB321 Writing Workshop  
- LAB446 Grammar for Writers

**MATHEMATICS**

**Minor:**

- MDB347 Excursions in Mathematics  
- MDB388 Gaming & Chance  
- MDB396 Excursions in Geometry

**Major:**

Completion of units in Minor and:

- MDB349 Mathematical Reasoning  
- MDB375 Computer Tools for Educators

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10 For students following the LOTE program only.

11 Students in the LOTE program undertake a LOTE practice teaching block under this unit.
STUDIES OF SOCIETY AND ENVIRONMENT

Minor:
PRB378 Knowing your Environment 12 3
PRB379 The Consumer, Society & the Environment 12 3
PRB380 Future Societies & Environments – Australia, Asia & the Pacific 12 3

Major:
Completion of units in minor and:
PRB372 The Australian Legacy 12 3
PRB386 Environmental Field Studies 12 3

HEALTH AND PHYSICAL EDUCATION

Minor:
HMB315 Performance Skills 2 12 6
HMB333 Child & Adolescent Health 12 3
HMB376 Motor Development in Children 12 4

Major:
Completion of units in minor plus two additional units from:
HMB305 Personal Health 12 3
HMB313 Socio-Cultural Foundations of Physical Activity 12 4
HMB314 Performance Skills 1 12 6
HMB316 Performance Skills 3 12 6
HMB332 Health Related Fitness 12 3-4
LEB443 Human Sexuality & Learning 12 3
PUB127 Health Issues in Australia 12 3

VISUAL AND PERFORMING ARTS

Minor:
Three level one units from the selected Arts discipline area. Areas available are Music, Visual Arts, Drama and Dance. Students must satisfy any specific entry requirements for Arts units.

Major:
Completion of units in minor and two further units in the selected area at either level 1 or advanced level.

SCIENCE

Minor:
MDB389 Life & Living Processes 12 3
MDB390 Natural & Processed Materials 12 3
MDB391 Earth & Space 12 3

Major:
Completion of units in minor and:
LSB142 Human Anatomy & Physiology 12 5
SCB202 Science, Technology & Society 12 4

TECHNOLOGY

Minor:
MDB392 Educational Computing Environments 12 3
MDB393 Networked Communities 12 3
MDB397 Multimedia 12 3

Major
Completion of units in minor and:
MDB377 Project Planning & Implementation for Educational Purposes 12 3
MDP536 Computer Graphics in Teaching 12 3

LOTE

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 should consult with the Bachelor of Education (Secondary) LOTE teaching area coordinator.

List 2: Languages Other Than English (LOTE) units
German 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:

<table>
<thead>
<tr>
<th>Language</th>
<th>Unit Code</th>
<th>Unit Name</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRENCH</td>
<td>HUB670</td>
<td>French 1</td>
<td>12 4</td>
</tr>
<tr>
<td></td>
<td>HUB671</td>
<td>French 2</td>
<td>12 4</td>
</tr>
<tr>
<td></td>
<td>HUB672</td>
<td>French 3</td>
<td>12 4</td>
</tr>
<tr>
<td></td>
<td>HUB673</td>
<td>French 4</td>
<td>12 4</td>
</tr>
<tr>
<td></td>
<td>HUB674</td>
<td>French 5</td>
<td>12 4</td>
</tr>
<tr>
<td></td>
<td>HUB675</td>
<td>French 6</td>
<td>12 4</td>
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<td>HUB678</td>
<td>French 7</td>
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</tr>
<tr>
<td></td>
<td>HUB677</td>
<td>French 8</td>
<td>12 4</td>
</tr>
<tr>
<td>GERMAN</td>
<td>HUB735</td>
<td>German 1</td>
<td>12 4</td>
</tr>
<tr>
<td></td>
<td>HUB736</td>
<td>German 2</td>
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<tr>
<td></td>
<td>HUB737</td>
<td>German 3</td>
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<tr>
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<td>HUB738</td>
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<td>HUB740</td>
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<td>12 4</td>
</tr>
<tr>
<td></td>
<td>HUB741</td>
<td>German 7</td>
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<td></td>
<td>HUB742</td>
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<tr>
<td>INDONESIAN</td>
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<td></td>
<td>HUB657</td>
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<tr>
<td>JAPANESE</td>
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<td>Japanese 1</td>
<td>12 4</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>HUB664</td>
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<td></td>
<td>HUB665</td>
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<td>12 4</td>
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<tr>
<td></td>
<td>HUB667</td>
<td>Japanese 8</td>
<td>12 4</td>
</tr>
</tbody>
</table>

List 3: Education Studies Elective Units
Students select one unit from Group A and one unit from Group B.

**Group A: Professional Work of Educators**
- CPB330 ATSI Education Policy
- CPB331 Asian Culture & Education
- CPB334 Powerful Teachers, Powerful Students
- CPB442 Cultural Diversity & Education
- CPB446 Gender & Sexuality Issues for Teachers
- EDB440 Independent Study
- LAB346 Case Studies in Adult & Family Literacy
- LAB347 Teaching Students from Non-English Speaking Backgrounds
- LEB441 Education Counselling
- LEB443 Human Sexuality & Learning
- LEB444 Human Sexuality & Development
- LEB480 Research Methods in Education
- PRB300 Education Law & the Beginning Teacher

5 The unit 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) (ED51)

**Course Structure for Commencing Students in 1996, 1997 and 1998**

<table>
<thead>
<tr>
<th>STRAND</th>
<th>YEAR 1</th>
<th>YEAR 2</th>
<th>YEAR 3</th>
<th>YEAR 4</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 2</strong></td>
<td><strong>Semester 3</strong></td>
<td><strong>Semester 4</strong></td>
<td><strong>Semester 5</strong></td>
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<tr>
<td><strong>Education Studies</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Education in Context (12)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Human Development and Education (12)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Professional Practice</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Field Experience (2 weeks)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Curriculum Studies</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td><strong>Discipline/Content Studies</strong></td>
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</tr>
<tr>
<td></td>
<td>Information Technologies in Education (12)</td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** LOTE majors will study one LOTE discipline unit in Semesters 1 to 6 and follow a modified progression to cover all required units.
PRB331 Learning/Teaching Environments 12 3
PRB413 Teachers and Isolated Learners 12 3
PRB414 Teaching Strategies 12 3
PRB415 Introduction to Educational Administration 12 3
PRB416 Classroom Assessment Practices 12 3

Group B: Difference and Diversity Among Learners
CPB336 Education & Cultural Diversity 12 3
CPB337 Gender & Education 12 3
CPB338 Identifying & Responding to Student Differences 12 3
CPB339 Teaching Aboriginal & Torres Strait Islander Students 12 3
CPB344 Values & Ethics in Teaching 12 3
EDB440 Independent Study 12 3
LEB331 Teaching Children with Low Incidence Disabilities 12 3
LEB332 Teaching Exceptional Students 12 3
LEB337 Gifted Learners 12 3
PRB332 Classroom & Behaviour Management 12 3

List 4: Curriculum Studies Elective Units
AAB916 Advanced Curriculum in Visual & Performing Arts 12 3
EDB440 Independent Study 12 3
HMB341 Sporting & Camping Administration 12 3
LAB414 Advanced Topics in Language Education 12 3
MDB429 Initiatives in Science Education 12 3
MDB449 Information Technologies to Support Effective Learning & Teaching 12 3
PRB375 Advanced Curriculum: Environmental Education 12 3
PRB383 Getting it all Together: Teachers Professional Work in the Differing Contexts of the Primary Classroom 12 3
PRB410 Teachers & the Curriculum 12 3

Bachelor of Education (Secondary) (ED50)
Location: Kelvin Grove campus (some unit areas are located at Carseldine and Gardens Point campuses)
Course Duration: 4 years full-time
Total Credit Points: 384
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr John Fanshawe
Associate Course Coordinator: Dr Christine Eastwood

Course Requirements
Undergraduate-entry students complete 192 credit points of professional studies and 192 credit points of discipline studies.

Entry into Course Streams

<table>
<thead>
<tr>
<th>COURSE STREAM</th>
<th>DISCIPLINE AREAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Education</td>
<td>Accounting/Business Management</td>
</tr>
<tr>
<td></td>
<td>Business Communication and Technologies</td>
</tr>
<tr>
<td></td>
<td>Economics</td>
</tr>
<tr>
<td></td>
<td>Legal Studies</td>
</tr>
<tr>
<td>English and Film and Media Studies</td>
<td>English</td>
</tr>
<tr>
<td></td>
<td>Film &amp; Media Studies</td>
</tr>
<tr>
<td>LOTE</td>
<td>French</td>
</tr>
<tr>
<td></td>
<td>German</td>
</tr>
<tr>
<td></td>
<td>Indonesian</td>
</tr>
<tr>
<td></td>
<td>Japanese</td>
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<tr>
<td>Home Economics</td>
<td>Home Economics</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
</tr>
</tbody>
</table>

5 The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.
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-teaching 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 abovementioned 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 72 credit points
   Teaching area 2 120 credit points
(b) Teaching area 1 96 credit points
   Teaching area 2 96 credit points
(c) Teaching area 1 72 credit points
   Teaching area 2 96 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 below. Students may also select up to 24 credit points from units in Group Z in consultation with the Associate Course Coordinator. Students should note that not all Faculties offer units for elective studies in the Bachelor of Education (Pre-service).

<table>
<thead>
<tr>
<th>Group X</th>
<th>Group Y</th>
<th>Group Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting/Business Management</td>
<td>Accounting/Business Management</td>
<td>Units listed under X and Y</td>
</tr>
<tr>
<td>Business Communication and Technologies+</td>
<td>Biology</td>
<td>(excluding the two teaching areas) plus units from other</td>
</tr>
<tr>
<td>Computing</td>
<td>Chemistry</td>
<td>suitable QUT courses.</td>
</tr>
<tr>
<td>English</td>
<td>Earth Science</td>
<td></td>
</tr>
<tr>
<td>Home Economics</td>
<td>Economics</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>Film &amp; Media#</td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>French</td>
<td></td>
</tr>
<tr>
<td>Science Studies</td>
<td>Geography</td>
<td></td>
</tr>
<tr>
<td>Social Science</td>
<td>German</td>
<td></td>
</tr>
<tr>
<td>English as a Second Language (ESL)+</td>
<td>Health Education</td>
<td></td>
</tr>
<tr>
<td></td>
<td>History</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Indonesian</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Japanese</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Legal Studies</td>
<td></td>
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<tr>
<td></td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physics</td>
<td></td>
</tr>
</tbody>
</table>

Studies are also available in Health Education and English as a Second Language (ESL).
Can only be undertaken by students who have English or LOTE as their first teaching area.

# Places are limited

**Notes**

Where the same teaching area is listed in both Groups X and Y (for instance, English), it may only be selected once.

There may be limited places in some disciplines as a second teaching area.

<table>
<thead>
<tr>
<th>Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
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<td></td>
</tr>
<tr>
<td>Discipline Studies X Unit (See List 1)</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>Discipline Studies Y Unit (See List 1)</td>
<td>24</td>
<td></td>
</tr>
</tbody>
</table>

Students who take CPB345 Indigenous Culture and Identity in the Australian Context in this Semester will only take one Discipline Studies Z unit in Year 3 and cannot pursue an extended major or double major in their teaching areas.

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB342 Education in Context</td>
</tr>
<tr>
<td>LEB335 Human Development &amp; Education</td>
</tr>
<tr>
<td>Discipline Studies X Unit (See List 1)</td>
</tr>
<tr>
<td>Discipline Studies Y Unit (See List 1)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAB341 Language, Technology &amp; Education</td>
</tr>
<tr>
<td>PRB343 Secondary Professional Practice 1: Classroom Management</td>
</tr>
<tr>
<td>Discipline Study X (See List 1)</td>
</tr>
<tr>
<td>Discipline Study Y (See List 1)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discipline Study X (See List 1)</td>
</tr>
<tr>
<td>Discipline Study Y (See List 1)</td>
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</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discipline Studies X or Y (See List 1)</td>
</tr>
<tr>
<td>Discipline Studies X, Y or Z (See List 1)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEB336 Psychology of Learning &amp; Teaching</td>
</tr>
<tr>
<td>PRB344 Secondary Professional Practice 2: Curriculum Decision Making</td>
</tr>
<tr>
<td>Curriculum Studies 1X (See List 2)</td>
</tr>
<tr>
<td>Curriculum Studies 1Y (See List 2)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 4, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB343 Understanding Educational Practices</td>
</tr>
<tr>
<td>PRB345 Secondary Professional Practice 3: The Inclusive Curriculum</td>
</tr>
<tr>
<td>Curriculum Studies 2X (See List 2)</td>
</tr>
<tr>
<td>Curriculum Studies 2Y (See List 2)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 4, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education Studies Elective (See List 3)</td>
</tr>
<tr>
<td>PRB346 Secondary Professional Practice 4: Beginning Teaching</td>
</tr>
<tr>
<td>Curriculum Studies Elective (See List 4)</td>
</tr>
</tbody>
</table>

**List 2: Curriculum Studies units**

Students complete two sets of Curriculum Studies units corresponding to the two discipline areas they select. The sets (comprising unit X and unit Y) of curriculum studies are listed below.

<p>| AAB412 Art Curriculum Studies 1 | 12 | 3 |
| AAB413 Art Curriculum Studies 2 | 12 | 3 |
| AAB414 Drama Curriculum Studies 1 | 12 | 3 |
| AAB415 Drama Curriculum Studies 2 | 12 | 3 |
| HMB310 Physical Education Curriculum Studies 1 | 12 | 3 |
| HMB370 Physical Education Curriculum Studies 2 | 12 | 3 |
| HMB390 Health Education Curriculum Studies 1 | 12 | 3 |
| HMB395 Health Education Curriculum Studies 2 | 12 | 3 |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>LAB325</td>
<td>English Curriculum Studies 1</td>
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<tr>
<td>LAB326</td>
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</tr>
<tr>
<td>LAB327</td>
<td>Film &amp; Media Curriculum Studies 1</td>
<td>12</td>
</tr>
<tr>
<td>LAB328</td>
<td>Film &amp; Media Curriculum Studies 2</td>
<td>12</td>
</tr>
<tr>
<td>LAB329</td>
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<tr>
<td>LAB330</td>
<td>LOTE Curriculum Studies 2</td>
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<tr>
<td>LAB447</td>
<td>ESL Curriculum Studies 1</td>
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<tr>
<td>LAB448</td>
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<td>MDB325</td>
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<tr>
<td>MDB326</td>
<td>Biology Curriculum Studies 2</td>
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<tr>
<td>MDB327</td>
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<td>Computing Curriculum Studies 1</td>
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</tr>
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<td>MDB333</td>
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<tr>
<td>PRB355</td>
<td>Accounting/Business Management Curriculum Studies 1</td>
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<td>PRB356</td>
<td>Accounting/Business Management Curriculum Studies 2</td>
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</tr>
<tr>
<td>PRB357</td>
<td>Business Communication Technologies Curriculum Studies 1</td>
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<td>PRB358</td>
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<tr>
<td>PRB361</td>
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</tr>
<tr>
<td>PRB362</td>
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</tr>
<tr>
<td>PRB363</td>
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<td>12</td>
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<tr>
<td>PRB364</td>
<td>History Curriculum Studies 2</td>
<td>12</td>
</tr>
<tr>
<td>PRB365</td>
<td>Legal Studies Curriculum Studies 1</td>
<td>12</td>
</tr>
<tr>
<td>PRB366</td>
<td>Legal Studies Curriculum Studies 2</td>
<td>12</td>
</tr>
<tr>
<td>PRB367</td>
<td>Social Science Curriculum Studies 1</td>
<td>12</td>
</tr>
<tr>
<td>PRB368</td>
<td>Social Science Curriculum Studies 2</td>
<td>12</td>
</tr>
</tbody>
</table>

**List 3: Education Studies Elective Units**

Students select one unit from Group A and one unit from Group B.

**Group A: Professional Work of Educators**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB330</td>
<td>Aboriginal &amp; Torres Strait Islander Education Policy</td>
<td>12</td>
</tr>
<tr>
<td>CPB331</td>
<td>Asian Culture &amp; Education</td>
<td>12</td>
</tr>
<tr>
<td>CPB334</td>
<td>Powerful Teachers, Powerful Students</td>
<td>12</td>
</tr>
<tr>
<td>EDB440</td>
<td>Independent Study&lt;sup&gt;5&lt;/sup&gt;</td>
<td>12</td>
</tr>
<tr>
<td>LAB346</td>
<td>Case Studies in Adult &amp; Family Literacy</td>
<td>12</td>
</tr>
<tr>
<td>LAB347</td>
<td>Teaching Students from Non-English Speaking Backgrounds</td>
<td>12</td>
</tr>
<tr>
<td>LEB441</td>
<td>Educational Counselling</td>
<td>12</td>
</tr>
<tr>
<td>LEB480</td>
<td>Research Methods in Education&lt;sup&gt;12&lt;/sup&gt;</td>
<td>12</td>
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</tbody>
</table>

<sup>5</sup> The unit EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.

<sup>12</sup> Recommended elective unit for students contemplating higher degree studies.
### Additional Group A Education Studies electives accredited in the Bachelor of Education (Inservice) course have been accredited for offer in the Bachelor of Education (Secondary) course. Specified units are as follows:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPB442</td>
<td>Cultural Diversity &amp; Education</td>
<td>12</td>
</tr>
<tr>
<td>CPB446</td>
<td>Gender &amp; Sexuality Issues for Teachers</td>
<td>12</td>
</tr>
<tr>
<td>LEB441</td>
<td>Educational Counselling</td>
<td>12</td>
</tr>
<tr>
<td>LEB443</td>
<td>Human Sexuality &amp; Learning</td>
<td>12</td>
</tr>
<tr>
<td>LEB444</td>
<td>Human Sexuality and Development</td>
<td>12</td>
</tr>
<tr>
<td>PRB413</td>
<td>Teachers and Isolated Learners</td>
<td>12</td>
</tr>
<tr>
<td>PRB414</td>
<td>Teaching Strategies</td>
<td>12</td>
</tr>
<tr>
<td>PRB415</td>
<td>Introduction to Educational Administration</td>
<td>12</td>
</tr>
<tr>
<td>PRB416</td>
<td>Classroom Assessment Practices</td>
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### Group B: Difference and Diversity Among Learners

<table>
<thead>
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<tbody>
<tr>
<td>CPB336</td>
<td>Education &amp; Cultural Diversity</td>
<td>12</td>
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<tr>
<td>CPB337</td>
<td>Gender &amp; Education</td>
<td>12</td>
</tr>
<tr>
<td>CPB338</td>
<td>Identifying &amp; Responding to Student Differences</td>
<td>12</td>
</tr>
<tr>
<td>CPB339</td>
<td>Teaching Aboriginal &amp; Torres Strait Islander Students</td>
<td>12</td>
</tr>
<tr>
<td>CPB344</td>
<td>Values &amp; Ethics in Teaching</td>
<td>12</td>
</tr>
<tr>
<td>EDB440</td>
<td>Independent Study</td>
<td>12</td>
</tr>
<tr>
<td>LEB331</td>
<td>Teaching Children with Low Incidence Disabilities</td>
<td>12</td>
</tr>
<tr>
<td>LEB332</td>
<td>Teaching Exceptional Students</td>
<td>12</td>
</tr>
<tr>
<td>LEB337</td>
<td>Gifted Learners</td>
<td>12</td>
</tr>
<tr>
<td>PRB332</td>
<td>Classroom &amp; Behaviour Management</td>
<td>12</td>
</tr>
<tr>
<td>PRB412</td>
<td>Classroom Management: Models &amp; Practice</td>
<td>12</td>
</tr>
</tbody>
</table>

### List 4: Curriculum Studies Elective

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>EDB440</td>
<td>Independent Study</td>
<td>12</td>
</tr>
<tr>
<td>HMB342</td>
<td>The Development of Teaching Skills in Primary Physical Education</td>
<td>12</td>
</tr>
<tr>
<td>LAB334</td>
<td>Primary LOTE Curriculum Studies</td>
<td>12</td>
</tr>
<tr>
<td>LAB411</td>
<td>Advanced Studies in Film &amp; Media Curriculum</td>
<td>12</td>
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<tr>
<td>LAB412</td>
<td>Advanced Studies in English/ESL Curriculum</td>
<td>12</td>
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<tr>
<td>LAB443</td>
<td>Trends in the Teaching of Reading</td>
<td>12</td>
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<tr>
<td>MDB395</td>
<td>Marine Studies</td>
<td>12</td>
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<tr>
<td>MDB414</td>
<td>Learning Environments Using Information Technology</td>
<td>12</td>
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<tr>
<td>MDB417</td>
<td>Assessing the Mathematical &amp; Scientific Abilities of Students</td>
<td>12</td>
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<tr>
<td>MDP529</td>
<td>Diagnostic Assessment &amp; Remedial Intervention in Mathematics</td>
<td>12</td>
</tr>
<tr>
<td>PRB381</td>
<td>Progressive Strategies for General &amp; Vocational Education</td>
<td>12</td>
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<tr>
<td>PRB382</td>
<td>Advanced Skills of Effective Learning &amp; Teaching</td>
<td>12</td>
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<tr>
<td>PRB384</td>
<td>Studies of Society &amp; Environment</td>
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<td>PRB410</td>
<td>Teachers &amp; the Curriculum</td>
<td>12</td>
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<tr>
<td>PRB421</td>
<td>Business Education Studies</td>
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</table>

### List 1: Discipline Studies Units

Students are required to select units according to the teaching area guidelines provided below.

#### ART (X) (for students admitted prior to 1997)

- **Minor**
  - 72 credit points – consisting of 72 credit points of level one units

- **Major**
  - 96 credit points – consisting of 84 credit points of level one and 12 credit points of advanced units

- **Extended Major**
  - 120 credit points – consisting of 96 credit points of level one and the remainder (24 credit points) of advanced units

In selecting units, students should seek the advice of the Art Teaching Area Coordinator.

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5 The unit 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 (Secondary) (ED50)

## Course Structure

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<th>YEAR 4</th>
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<td>Semester 3</td>
<td>Semester 4</td>
<td>Semester 5</td>
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<td><strong>EDUCATION STUDIES</strong></td>
<td>Education in Context (12)</td>
<td>Human Development &amp; Education (12)</td>
<td>Psychology of Learning and Teaching (12)</td>
<td>Understanding Educational Practices (12)</td>
<td>Education Studies Electives (24)</td>
</tr>
<tr>
<td><strong>CURRICULUM STUDIES</strong></td>
<td>Language Technology and Education (12)</td>
<td>Curriculum Studies IX (12)</td>
<td>Curriculum Studies 2X (12)</td>
<td>Curriculum Elective (12)</td>
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</tr>
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<td><strong>TOTAL</strong></td>
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<td>48</td>
<td>48</td>
<td>48</td>
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</tr>
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</table>

* Students who undertake Indigenous Culture and Identity in the Australian Context will only take one discipline X unit or one discipline Y unit, not two.

+ Field experiences are associated with core Education Studies Units.
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

In selecting units, students should seek the advice of the Accounting/Business Management Teaching Area Coordinator.

BIOLOGY (Y)

**Minor** 72 credit points – consisting of 36 credit points of level one units from the areas of science, computing or mathematics, and the other 36 credit points to include a science and society unit and 24 credit points in 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

In selecting units, students should seek the advice of the Biology Teaching Area Coordinator.

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

In selecting units, students should seek the advice of the Office Communication Technology Teaching Area Coordinator.

CHEMISTRY (Y)

**Minor** 72 credit points – consisting of 36 credit points of level one units from the areas of science, computing or mathematics and the other 36 credit points to include a science and society unit and 24 credit points in advanced chemistry

**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

In selecting units, students should seek the advice of the Chemistry Teaching Area Coordinator.

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 – as for major program plus 24 credit points selected in consultation with the Computing Teaching Area Coordinator

In selecting units, students should seek the advice of the Computing Teaching Area Coordinator.

DRAMA (X) (for students admitted prior to 1997)

**Minor** 72 credit points – consisting of 60 credit points of level one and the remainder (12 credit points) of advanced units

**Major** 96 credit points – consisting of 60 credit points of level one and the remainder (36 credit points) of advanced units
Extended Major 120 credit points – consisting of 60 credit points of level one and the remainder (60 credit points) of advanced units

In selecting units, students should seek the advice of the Drama Teaching Area Coordinator.

EARTH SCIENCE (Y)

Minor 72 credit points – consisting of 36 credit points of level one units from the areas of science, computing or mathematics and the other 36 credit points to include astronomy, science and society and a unit in advanced earth science

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

In selecting units, students should seek the advice of the Earth Science Teaching Area Coordinator.

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

In selecting units, students should seek the advice of the Economics Teaching Area Coordinator.

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

In selecting units, students should seek the advice of the English Teaching Area Coordinator.

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

In selecting units, students should seek the advice of the Film and Media Teaching Area Coordinator.

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

In selecting units, students should seek the advice of the Geography Teaching Area Coordinator.
HEALTH (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

In selecting units, students should seek the advice of the Health Teaching Area Coordinator.

HISTORY (Y)

Minor 72 credit points – consisting of one unit selected from each of four areas, Ancient History, Australian History, Asian/Pacific History, European History (48 credit points), plus two other units selected across the four areas (24 credit points)

Major 96 credit points – consisting of one unit selected from each of four areas, Ancient History, Australian History, Asian/Pacific History, European History (48 credit points), plus four other units selected from and of the above four areas (48 credit points)

In selecting units, students should seek the advice of the History Teaching Area Coordinator.

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

In selecting units, students should seek the advice of the Home Economics Teaching Area Coordinator.

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 72 credit points of level one and the remainder (24 credit points) of advanced units

Extended Major 120 credit points – consisting of 96 credit points of level one and the remainder (24 credit points) of advanced units

In selecting units, students should seek the advice of the Legal Studies Teaching Area Coordinator.

LOTE (Y)
(Indonesian, Japanese, German and French)

Students wishing to undertake studies in French, Indonesian or Japanese are required to select a specified sequence of six units (72 credit points). In selecting units, students should seek the advice of the LOTE teaching area coordinator.

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 24 credit points chosen in consultation with the Mathematics teaching area coordinator

Major 96 credit points – as for the minor program plus an additional 24 credit points chosen in consultation with the Mathematics teaching Area coordinator

Extended Major 120 credit points – as for the major with the remaining 24 credit points in advanced mathematics units

In selecting units, students should seek the advice of the Mathematics Teaching Area Coordinator.
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

In selecting units, students should seek the advice of the Physical Education Teaching Area Coordinator.

PHYSICS (Y)

Minor 72 credit points – consisting of 36 credit points of level one units from the areas of science, computing or mathematics and the other 36 credit points to include a science and society unit and 24 credit points in advanced physics

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

In selecting units, students should seek the advice of the Physics Teaching Area Coordinator.

SCIENCE STUDIES (X)

Minor 72 credit points – to comprise one 12 credit points unit in each of the areas of physics, chemistry, biology, earth science, astronomy and science and society

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

In selecting units, students should seek the advice of the Science Studies Teaching Area Coordinator.

SOCIAL SCIENCE (X)

Minor 72 credit points – consisting of 24 credit points in each of the areas of Australian Studies, Political Studies and 12 credit points from each of the areas of Aboriginal and Torres Strait Culture Studies and Womens Studies and 12 credit points chosen in consultation with the Social Science teaching area coordinator

Major 96 credit points – as for minor, plus 24 credit points chosen in consultation with the Social Science teaching area coordinator

In selecting units, students should seek the advice of the Social Science Teaching Area Coordinator.

- Bachelor of Education (Early Childhood) Graduate Course (ED57)
- Bachelor of Education (Primary) Graduate Course (ED56)
- Bachelor of Education (Secondary) Graduate Course (ED55)

Location: Kelvin Grove campus (some unit areas are located at Carseldine and Gardens Point campuses)

Course Duration: 2 years full time. ED55 may be fast-tracked over eighteen month period.

Total Credit Points: 192

Course Coordinator: Dr John Fanshawe

Associate Course Coordinators:
Early Childhood: Dr Gail Halliwell
Primary: Ms Tania Aspland
Secondary: Dr Christine Eastwood

General Entry Requirements
To be eligible for consideration, applicants:
(i) must have a completed undergraduate discipline degree from a recognised tertiary institution; and
(ii) must have proficiency in English as determined by University requirements.
## Bachelor of Education (Early Childhood) Graduate Course (ED57)

### Course Structure

<table>
<thead>
<tr>
<th>STRAND</th>
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<th>YEAR 2</th>
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<td><strong>PROFESSIONAL PRACTICE</strong></td>
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<td><strong>CURRICULUM STUDIES</strong></td>
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<tr>
<td>TOTAL</td>
<td>48</td>
<td>48</td>
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</tr>
</tbody>
</table>
Additional Entry Requirements – Secondary
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.

Students select two areas of specialisation within Curriculum Studies. The specialisation through which entry to the course is sought is designated the first teaching area; the other specialisation is designated the second teaching area. For some teaching areas, interview, audition or presentation of folio may be required (e.g., LOTE, Primary LOTE, Drama, Dance, Music, Visual Arts).

**BACHELOR OF EDUCATION (EARLY CHILDHOOD) GRADUATE COURSE (ED57)**

<table>
<thead>
<tr>
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<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
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<tr>
<td>CPB342 Education in Context</td>
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<tr>
<td>EAB442 Early Childhood Foundations 1</td>
<td>12</td>
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<tr>
<td>EAB347 Early Childhood Curriculum: Early Mathematics Explorations</td>
<td>12</td>
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<tr>
<td>PRB422 Early Childhood Professional Practice 1: Child Care</td>
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<tr>
<td>LEB335 Human Development and Education</td>
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<tr>
<td>EAB345 Early Childhood Curriculum: Language Education</td>
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<td>EAB443 Early Childhood Foundations 2</td>
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<tr>
<td>PRB423 Early Childhood Professional Practice 2: Lower Primary</td>
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<tr>
<td>LEB336 Psychology of Learning and Teaching</td>
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<tr>
<td>PRB424 Early Childhood Professional Practice 3: Preschool/Kindergarten</td>
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<td>EAB346 Early Childhood Curriculum: Science/Society &amp; the Environment</td>
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<td>EAB348 Early Childhood Curriculum: Arts</td>
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<td>CPB343 Understanding Educational Practices</td>
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<td>EAB413 Management of Early Childhood Services</td>
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<td>EAB444 Early Childhood Foundations 3</td>
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<tr>
<td>PRB425 Early Childhood Professional Practice 4: Choice</td>
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**BACHELOR OF EDUCATION (PRIMARY) GRADUATE COURSE (ED56)**

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<tr>
<td>CPB342 Education in Context</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LAB342 Language / Mathematics Curriculum 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PRB347 Primary Professional Practice 1: Classroom Management</td>
<td>12</td>
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<tr>
<td>PRB377 Studies of Society &amp; Environment/Health &amp; Physical Education 1</td>
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<tr>
<td><strong>Year 1, Semester 2</strong></td>
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<tr>
<td>AAB914 Visual &amp; Performing Arts Curriculum</td>
<td>12</td>
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<td>LEB335 Human Development &amp; Education</td>
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<td>MDB383 Using Information Technologies in the Curriculum</td>
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<td>PRB348 Primary Professional Practice 2: Curriculum Decision Making</td>
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<td><strong>Year 2, Semester 1</strong></td>
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<td>LEB336 Psychology of Learning &amp; Teaching</td>
<td>12</td>
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<tr>
<td>PRB349 Primary Professional Practice 3: The Inclusive Curriculum</td>
<td>12</td>
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<tr>
<td>PRB385 Studies of Society &amp; Environment/Health &amp; Physical Education 2</td>
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<td>and either:</td>
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</tr>
<tr>
<td>LAB413 Programming &amp; Assessment in Language &amp; Mathematics</td>
<td>12</td>
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<tr>
<td>OR</td>
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<td>LAB334 Primary LOTE Curriculum Studies</td>
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<td><strong>Year 2, Semester 2</strong></td>
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<tr>
<td>CPB343 Understanding Educational Practices</td>
<td>12</td>
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<tr>
<td>LAB343 Language/Mathematics Curriculum 1</td>
<td>12</td>
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<tr>
<td>MDB384 Science Education</td>
<td>12</td>
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<tr>
<td>PRB350 Primary Professional Practice 4: Reflective Practice</td>
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## BACHELOR OF EDUCATION (PRIMARY) GRADUATE COURSE (ED56)

### COURSE STRUCTURE

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<th>TOTAL</th>
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<tr>
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<td>Semester 2</td>
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<tr>
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<td>Year 2</td>
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<td>Year 1</td>
<td>Year 2</td>
<td></td>
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<td>Year 1</td>
<td>Year 2</td>
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<tr>
<td>Education Studies</td>
<td>Education in Context (12)</td>
<td>Human Development &amp; Education (12)</td>
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<td>Understanding Educational Practices (12)</td>
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<td>Professional Practice</td>
<td>Primary Professional Practice 1: Classroom Management (12) (2 weeks)</td>
<td>Primary Professional Practice 2: Curriculum Decision Making (12) (4 weeks)</td>
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<td></td>
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<td>Primary Professional Practice 4: Reflective Practice (12) (6 weeks)</td>
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<td>Visual &amp; Performing Arts Curriculum (12)</td>
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<td>Using Information Technologies in the Curriculum (12)</td>
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<td>Programming &amp; Assessment in Language &amp; Mathematics (12) OR Primary LOTE Curriculum Studies (12)</td>
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<td>Studies of Society &amp; Environment/Health &amp; Physical Education 2 (12)</td>
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<td>Studies of Society &amp; Environment/Health &amp; Physical Education 1 (12)</td>
<td>Using Information Technologies in the Curriculum (12)</td>
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<td>Science Education (12)</td>
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</table>

**TOTAL** 192
BACHELOR OF EDUCATION (SECONDARY) GRADUATE COURSE (ED55)

Location: Kelvin Grove campus (some unit areas are located at Carseldine and Gardens Point campuses)

Course Duration: 2 years full-time, 1.5 years full-time via the Summer Program option

Total Credit Points: 192 credit points

Course Structure
Students are required to complete 192 credit points of professional studies in education covering core Education Studies units, Teaching Practice Units, Curriculum Studies units and a range of electives.

The teaching areas are divided into Group X and Group Y as shown below:

<table>
<thead>
<tr>
<th>Group X</th>
<th>Group Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting/Business Management</td>
<td>Accounting/Business Management</td>
</tr>
<tr>
<td>Business Communication and Techs</td>
<td>Biology</td>
</tr>
<tr>
<td>Computing</td>
<td>Chemistry</td>
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<tr>
<td>English</td>
<td>Earth Science</td>
</tr>
<tr>
<td>Home Economics</td>
<td>Economics</td>
</tr>
<tr>
<td>Mathematics</td>
<td>English</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Film and Media</td>
</tr>
<tr>
<td>Science Studies</td>
<td>French</td>
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<td>Social Science</td>
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<td>Art</td>
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<td>Drama</td>
<td>Japanese</td>
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<td>Dance</td>
<td>Chinese</td>
</tr>
<tr>
<td>Music (Secondary)</td>
<td>Italian</td>
</tr>
<tr>
<td>ESL</td>
<td>Korean</td>
</tr>
<tr>
<td></td>
<td>Geography</td>
</tr>
<tr>
<td></td>
<td>Health Education</td>
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<td>Legal Studies</td>
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<td>Mathematics</td>
</tr>
<tr>
<td></td>
<td>Physics</td>
</tr>
<tr>
<td></td>
<td>Music (Primary/Instrumental)</td>
</tr>
</tbody>
</table>

In addition to the above, the following are allowable combinations:
- Dance with Drama or Music (Secondary)
- Drama with Music (Secondary)
- History with Geography
- Film and Media with History or Geography or LOTE

Course Notes
Health Education may be chosen as a second teaching area by students already accepted into another teaching area.

English as a Second Language (ESL) can be chosen as a second teaching area only with English or LOTE as the first teaching area.

Students undertaking the option of a double LOTE specialisation must take LOTE as the first teaching area and Primary LOTE as the second teaching area. Students must complete LAB334 Primary LOTE Curriculum Studies plus one additional educational elective (either from Group A or B). These students will be given LOTE teaching experience in primary schools during the Secondary Professional Practice 3: The Inclusive Curriculum.

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>CPB342 Education in Context</td>
<td>12</td>
<td>3</td>
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<tr>
<td>LEB335 Human Development &amp; Education</td>
<td>12</td>
<td>3</td>
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<tr>
<td>PRB343 Secondary Professional Practice 1: Classroom Management</td>
<td>12</td>
<td>3</td>
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<td>LAB341 Language, Technology and Education</td>
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# BACHELOR OF EDUCATION (SECONDARY) GRADUATE COURSE (ED55)

## COURSE STRUCTURE

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<th>TOTAL</th>
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<td>Semester 2</td>
<td>Semester 1</td>
</tr>
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<td><strong>EDUCATION STUDIES</strong></td>
<td>Education in Context (12)</td>
<td>Psychology of Learning &amp; Teaching (12)</td>
<td>Education Studies Elective A (12)</td>
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<td></td>
<td>Human Development &amp; Education (12)</td>
<td></td>
<td>Education Studies Elective B (12)</td>
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<tr>
<td><strong>CURRICULUM STUDIES</strong></td>
<td>Language Technology &amp; Education (12)</td>
<td>Curriculum Studies 1X (12)</td>
<td>Curriculum Studies 2X (12)</td>
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<td>Curriculum Studies 1Y (12)</td>
<td>Curriculum Studies 2Y (12)</td>
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<tr>
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<td>Curriculum Elective (12)</td>
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Year 1, Semester 2
LEB336  Psychology of Learning & Teaching  12  3
PRB344  Secondary Professional Practice 2: Curriculum Decision Making  12  3
Curriculum Studies 1X  12  3
Curriculum Studies 1Y  12  3

Year 2, Semester 1
CPB343  Understanding Educational Practices  12  3
PRB345  Secondary Professional Practice 3: The Inclusive Curriculum  12  2
Curriculum Studies 2X  12  3
Curriculum Studies 2Y  12  3

Year 2, Semester 2
Education Studies Elective A  12  3
Education Studies Elective B  12  3
PRB346  Secondary Professional Practice 4: Beginning Teaching  12  3
Curriculum Elective  12  3

Summer Program Option
Students will be given the opportunity at the end of semester 1, 1999 to indicate whether they wish to undertake the Summer Program option. Units will be offered in the period November 1999-February 2000. Teaching practice will take place in February/March 2000.

Year 1, Semester 1
CPB342  Education in Context  12  3
LEB335  Human Development & Education  12  3
PRB343  Secondary Professional Practice 1: Classroom Management  12  3
LAB341  Language, Technology and Education  12  3

Year 1, Semester 2
LEB336  Psychology of Learning & Teaching  12  3
PRB344  Secondary Professional Practice 2: Curriculum Decision Making  12  3
Curriculum Studies 1X  12  3
Curriculum Studies 1Y  12  3

Year 1, Semester 3 – Summer Program
Education Studies Elective A  12  3
Education Studies Elective B  12  3
Curriculum Elective  12  3
PRB345  Secondary Professional Practice 3: The Inclusive Curriculum  12  3

Consult Course Summary Sheet for unit offerings.

Year 2, Semester 1
CPB343  Understanding Educational Practices  12  3
PRB346  Secondary Professional Practice 4: Beginning Teaching  12  3
Curriculum Studies 2X  12  3
Curriculum Studies 2Y  12  3

TABLE 1 - Year 1, Semester 2
Curriculum Studies 1X and 1Y
Students select two units from this list to be studied in semester two, 1999. These two units must correspond with your two teaching areas.

AAB412  Art Curriculum Studies 1  12
AAB414  Drama Curriculum Studies 1  12
AAB421  Dance Curriculum Studies 1  12
AAP423  Music 1 (Secondary) Curriculum Studies 1  12
AAP434  Music 1A (Primary/Instrumental) Curriculum Studies 1  12
HMB310  Physical Education Curriculum Studies 1  12
HMB390  Health Education Curriculum Studies 1  12
LAB325  English Curriculum Studies 1  12
LAB327  Film and Media Curriculum Studies 1  12
LAB329  LOTE Curriculum Studies 1  12
LAB447  ESL Curriculum Studies 1  12
MDB325  Biology Curriculum Studies 1  12
MDB327  Chemistry Curriculum Studies 1  12
Table 2

Curriculum Studies 2X and 2Y Year 2, Semester 1
Select two units from this list which correspond with your two teaching areas.

AAB413  Art Curriculum Studies 2  12
AAB415  Drama Curriculum Studies 2  12
AAB429  Dance Curriculum Studies 2  12
AAP431  Music 2 (Secondary) Curriculum Studies 2  12
AAP433  Music 2A (Primary/Instrumental) Curriculum Studies 2  12
HMB370  Physical Education Curriculum Studies 2  12
HMB395  Health Education Curriculum Studies 2  12
LAB326  English Curriculum Studies 2  12
LAB328  Film and Media Curriculum Studies 2  12
LAB330  LOTE Curriculum Studies 2  12
LAB448  ESL Curriculum Studies 2  12
MDB326  Biology Curriculum Studies 2  12
MDB328  Chemistry Curriculum Studies 2  12
MDB330  Computing Curriculum Studies 2  12
MDB332  Earth Science Curriculum Studies 2  12
MDB334  Mathematics Curriculum Studies 2  12
MDB336  Physics Curriculum Studies 2  12
MDB338  Science Curriculum Studies 2  12
PRB356  Accounting/Business Management Curriculum Studies 2  12
PRB358  Business Communication Technology Curriculum Studies 2  12
PRB360  Economics Curriculum Studies 2  12
PRB362  Geography Curriculum Studies 2  12
PRB364  History Curriculum Studies 2  12
PRB366  Legal Studies Curriculum Studies 2  12
PRB368  Social Science Curriculum Studies 2  12
PUB322  Home Economics Curriculum Studies 2  12

Education Studies Electives and Curriculum Electives:
Refer to the ED50 Bachelor of Education (Secondary) course entry.
COURSES

- Master of Applied Science (Research) (HL84) ................................................................. 531
- Master of Health Science (HL88) ......................................................................................... 532
- Master of Nursing (NS85) ................................................................................................. 535
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- Graduate Diploma in Health Promotion (PU69) ............................................................... 542
- Graduate Diploma in Health Science (HL68) ..................................................................... 544
- Graduate Diploma in Occupational Health and Safety (PU65) ......................................... 544
- Graduate Diploma in Public Health (PU60) ...................................................................... 545
- Graduate Certificate in Nursing (NS32) .......................................................................... 545
- Bachelor of Applied Science (Honours) (HL52)
- Bachelor of Nursing (Honours) (HL50)
- Bachelor of Health Science (Honours) (HL55) ................................................................. 546
- Bachelor of Applied Science (Environmental Health) (PU42) ......................................... 548
- Bachelor of Applied Science (Home Economics) (PU49) ................................................. 548
- Bachelor of Applied Science (Human Movement Studies) (HM42) ............................... 548
- Bachelor of Applied Science (Occupational Health and Safety) (PU44) ................. 550
- Bachelor of Applied Science (Optometry) (OP42) ......................................................... 551
- Bachelor of Applied Science (Podiatry) (PU45) ............................................................... 552
- Bachelor of Business (PU48) ............................................................................................ 553
- Bachelor of Health Science (PU40) .................................................................................. 553
- Bachelor of Health Science (PU43) .................................................................................. 559
- Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies) (HL42) ................................................................. 561
- Bachelor of Health Science (Occupational Health and Safety)/Bachelor of Applied Science (Human Movement Studies) (HL44) .................................................. 563
- Bachelor of Nursing (Postregistration) (NS48) ............................................................... 564
- Bachelor of Nursing (Preregistration) (NS40) ................................................................. 566
- Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies) (HL40) .... 568
- Bachelor of Nursing/Bachelor of Health Science (Public Health) (HL46) ....................... 569
■ Master of Applied Science (Research) (HL84)

Location: Kelvin Grove campus
Course Duration: 1-2 years full-time, 2-4 years part-time (see further details below)
Course Coordinator: For further information on the Master of Applied Science (Research), contact the Faculty of Health office.

Entry Requirements
The minimum academic qualifications for admission to the program are:

- possession of a Bachelor degree in Health Science, Applied Science or other approved degree 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.

Application for Admission
The Master of Applied Science (Research) program is administered by the Health Faculty Academic Board through its Faculty Research Committee.

Applications for admission should set out fully the candidate’s intended course of study. If a student is 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.

Approval of applications is subject to 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 of Study
A candidate for the degree of Master of Applied Science undertakes a program of research and investigation on a topic approved by the Faculty Research Committee.

A candidate 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.

Duration of Course
The length of the course will vary depending on the applicant’s qualifications on admission and the candidate’s progress during the course.

Applicants who possess a three-year undergraduate qualification or equivalent normally are enrolled as provisional students for a period of one year (full-time) or two years (part-time). Applicants who possess a four-year degree, Honours year or equivalent may be admitted with confirmed candidature.

Following confirmation of registration, candidates may submit their thesis for examination after a period of at least one year (full-time) or two years (part-time). Maximum periods for submission of thesis are two years (full-time) or four years (part-time) from the date of confirmed registration.
Master of Health Science (HL88)

Location: Kelvin Grove campus

Course Duration: 1.5 years full-time, 3 years part-time

Total Credit Points: 144

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr MaryLou O’Connor-Fleming

Entry Requirements

To be eligible for entry applicants should hold:

(i) an appropriate three-year bachelor degree or equivalent and should normally have at least one year of appropriate work experience, or

(ii) an appropriate three-year bachelor degree with an additional one year of honours, or

(iii) an appropriate four-year bachelor degree or equivalent, or

(iv) an appropriate graduate diploma, or

(v) other qualifications acceptable to the Dean which may include substantial work experience or involvement in relevant research activities.

Advanced Standing

Candidates with a four-year degree or three-year degree with an additional one year of honours may be able to obtain advanced standing up to a maximum of 48 credit points for previous study.

Candidates with a Graduate Diploma in Occupational Health and Safety, Nutrition and Dietetics or Health Promotion wanting to continue in these specialisations may be able to obtain advanced standing up to a maximum of 96 credit points for previous study.

Candidates cannot normally enrol directly in the Masters degree in the areas of Nutrition and Dietetics, Occupational Health and Safety or Health Promotion unless they have completed relevant undergraduate qualifications in one of the above areas to the satisfaction of the Course Coordinator. Special consideration may be given to candidates on an individual basis by the Course Coordinator.

Advancement is not automatic and will be subject to the approval of the Course Coordinator.

Special Entry

Candidates who do not hold a qualification required of normal entrants may be required to successfully complete a bridging program or prerequisites prescribed by the Dean in consultation with the relevant Head of School.

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 will be admitted to full candidature.

Early Exit from Course

Students who successfully complete the equivalent of one year of full-time study may exit from the program with a Graduate Diploma in Health Science.

Full-time Course Structure

<table>
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<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUP010 Health in Australian Society PLUS One unit from List A, B or C</td>
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<td>3</td>
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<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<td>Three electives from List B PLUS One elective from Lists A, B or C</td>
<td>36</td>
<td>9</td>
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12
Year 2, Semester 1
Select from:
- Four electives from Lists A, B or C 48
  OR
- HLN703 Project A OR 24
- HLN704 Project B
  PLUS
- Two electives from Lists A, B or C 24
  OR
- HLN700 Thesis 48

Part-Time Course Structure
Year 1, Semester 1
PUP010 Health in Australian Society 12 3 KG
PLUS
One unit from List A

Year 1, Semester 2
Select two specialist electives from List B

Year 2, Semester 1
Select one unit from List A
PLUS
One other unit from Lists A, B or C 12 3 KG

Year 2, Semester 2
Select one elective from List B
PLUS
One other unit from Lists A, B or C 12

Year 3, Semester 1
Select from:
- Two electives from Lists A, B or C 24
  OR
- HLN703 Project A 24
  OR
- HLN750 Thesis 24

Year 3, Semester 2
Select from:
- Two electives from Lists A, B or C 24
  OR
- HLN704 Project B 24
  OR
- HLN750 Thesis 24

List A:
<table>
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<th>Code</th>
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<th>Semester of Offer</th>
<th>Contact Hrs/ Wk</th>
<th>Campus</th>
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<td>Exercise &amp; Health Across the Lifespan(^1)</td>
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<td>HLN405</td>
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<td>HLN705</td>
<td>Introductory Quantitative Research Methods</td>
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<td>MAN009</td>
<td>Experimental Design &amp; Statistical Analysis for Research</td>
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<td>PUN601</td>
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<td>PUN608</td>
<td>Health Economics</td>
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<td>PUN610</td>
<td>Health Services Management</td>
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<td>1,2</td>
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<td>PUN692</td>
<td>Health Care Delivery Systems(^2)</td>
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<td>Social &amp; Behavioural Epidemiology</td>
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<td>PUP021</td>
<td>Case Studies on Contemporary Health Issues</td>
<td>12</td>
<td>2</td>
<td>3</td>
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</tbody>
</table>

\(^1\) Compulsory for those undertaking the Human Movement Studies Specialisation.

\(^2\) Compulsory for students undertaking the Health Services Management Specialisation. This unit is not compatible with PUN601 Contemporary Health Policies.
PUP027 Independent Study 12 1.2 3 External/KG
PUP031 Settings for Health Promotion 12 External/KG
PUP032 Intervention Design & Theories of Change 12 2 3 External

List B

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<th>Credit Points</th>
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</thead>
<tbody>
<tr>
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<td></td>
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<td></td>
<td>PT</td>
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</tr>
</tbody>
</table>

Environmental Health

PUN619 Environmental Health 12 1 3 3 KG
PUN620 Concepts of Environmental Health 12 2 4 3 KG
PUN617 Environmental Health Management 12 2 2 3 KG

Health Promotion

PUN613 Health Promotion Planning & Evaluation 12 2 4 3 External/KG
PUP018 Health Promotion Strategies 12 2 4 3 External/KG
PUP021 Case Studies on Contemporary Health Issues 12 2 2 3 External/KG
PUP022 Health Promotion Concepts & Policy: A Critical Analysis 12 1 3 3 External/KG
PUP023 Program Planning & Evaluation 12 2 4 3 External/KG

Human Movement Studies

Students should seek advice on unit selection and availability from the School of Human Movement Studies.

HMB277 Exercise & Sports Nutrition 12 1 3 KG
HMB480 Advanced Exercise Prescription 12 1 3 3 KG
HMP502 Exercise & Weight Control 12 2 4 3 KG
HMP505 Clinical Measurement 12 2 4 3 KG
HMP507 Exercise & Sport Psychology 12 2 4 3 KG

Occupational Health & Safety

MEP201 Safety Technology & Practice 1 12 1 3 3 GP
PUP116 Ergonomics 12 2 2 3 KG
PUP250 Occupational Hygiene 12 2 4 3 KG
PUP511 Occupational Health Management 12 2 4 3 KG
PUP521 Risk Management 12 2 4 3 KG

Health Services Management (incorporating Health Information Management)

PUN608 Health Economics 12 2 4 3 KG
PUN610 Health Services Management 12 1,2 3 KG
PUN611 Community Health Planning 12 2 4 3 KG
PUN612 Health Services Research & Evaluation 12 2 4 3 KG
PUN642 Classification & Casemix in Health 12 2 4 3 KG
PUN643 Health Informatics 12 2 2 3 KG
PUN644 Case Studies in Health Information Management 12 to be advised
PUN692 Health Care Delivery Systems2 12 1 3 3 KG

List C: General Electives

Electives may be selected from any QUT postgraduate program subject to prerequisite requirements and approval by the Faculty offering the unit. A list of available units can be obtained from the Faculty of Health.

Notes

Students undertaking the Nutrition & Dietetics specialisation should contact the subject area coordinator, Dr Sandra Capra for advice on an appropriate enrolment program.

Students wishing to undertake external units should indicate CEX as the campus code for such units on their enrolment form. For information on units offered in external mode contact the Faculty of Health.

2 Compulsory for students undertaking the Health Services Management Specialisation. This unit is not compatible with PUN601 Contemporary Health Policies.
■ Master of Nursing (NS85)

Location: Kelvin Grove campus
Course Duration: 1.5 years full-time, 3 years part-time
Total Credit Points: 144
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Professor Mary Courtney

Entry Requirements

☐ Normal Entry

Applicants for admission to the course shall hold:
(1) A nursing qualification acceptable for registration by the Queensland Nursing Council
(2) A degree or diploma in nursing (or equivalent) and
(3) Normally have at least one year of appropriate post-registration clinical experience.

☐ Alternative Entry

Applicants may be admitted on the basis of relevant experience at the discretion of the Head of School – Nursing.

☐ Advanced Standing

Students who have successfully completed the Graduate Diploma in Nursing from QUT will all have all eight units credited towards the Master of Nursing and will only be required to undertake a further 48 credit points.

Course Requirements

Students are required to complete:

☐ Three core units
☐ Three clinical specialisation units
☐ Two approved elective units and
☐ Either a thesis, or a clinical project and two appropriate electives, or four appropriate electives.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSN501 Advanced Clinical Strategies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSN502 Nursing Knowledge</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSN521 Clinical Specialisation 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select one of the following units:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HLN405 Qualitative Research</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>HLN705 Introductory Quantitative Research Methods</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>HLN706 Advanced Quantitative Research Methods</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Year 1, Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NSN522 Clinical Specialisation 2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSN523 Clinical Specialisation 3</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two elective units form List B</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NSN850 Thesis OR</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>NSN506 Clinical Project</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 electives from List A OR</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>4 electives from List A</td>
<td>48</td>
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</table>

Part-Time Course Structure

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<thead>
<tr>
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<th></th>
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<tbody>
<tr>
<td>NSN501 Advanced Clinical Strategies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSN521 Clinical Specialisation 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Year 1, Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NSN522 Clinical Specialisation 2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSN523 Clinical Specialisation 3</td>
<td>12</td>
<td>3</td>
</tr>
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</table>
Year 2, Semester 1
NSN502 Nursing Knowledge 12 3

AND

Select one of the following units:
HLN405 Qualitative Research 12 3
HLN705 Introductory Quantitative Research Methods 12 3
HLN706 Advanced Quantitative Research Methods 12 3

Year 2, Semester 2
Two electives from List B 24

Year 3, Semester 1
NSN825/1 Thesis 24
OR
NSN506 Clinical Project 24
OR
Two elective units from List A 24

Year 3, Semester 2
NSN825/2 Thesis 24
OR
NSN506 Clinical Project 24
OR
Two elective units from List B 24

NB: To be eligible to undertake the Thesis, students must have completed one research unit either HLN405, HLN705 or HLN706.

ELECTIVE LIST A

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Semester</th>
<th>Contact Hrs/ Wk</th>
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</table>

ELECTIVE LIST B

<table>
<thead>
<tr>
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<th>Semester</th>
<th>Contact Hrs/ Wk</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>12</td>
<td>1,2</td>
<td>3</td>
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</tbody>
</table>

OR
Any other 12 credit point Postgraduate unit for which students have the necessary prerequisites.
Note: Students undertaking NSN850 Thesis or NSN506 Clinical Project must prepare a Research Proposal as early as possible in the semester of enrolment for the study or in the semester preceding enrolment. Any student wishing to alter his/her enrolment in any manner which impacts on clinical placement may do so following approval from the Postgraduate Course Coordinator.

Master of Public Health (PU85)

QUT, Griffith University and The University of Queensland offer a joint Master of Public Health (MPH) degree, bringing together interdisciplinary knowledge and skills in public health across the three universities. Students enrol in and graduate from the university in which they undertake their specialist elective units and which supervises their dissertation. A formal application is required to other institutions for cross-institutional status.

Location: Kelvin Grove campus; University of Queensland (Herston campus); Griffith University

Course Duration: 1.5 years full-time, 3 years part-time

Total Credit Points: 144

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Associate Professor Don Stewart

Entry Requirements

The entry requirements for the Master of Public Health are identical for the three collaborating institutions, and are as follows:

1. A person may first enrol as a candidate for the degree only if that person:
   (i) holds a bachelor degree from the university or a similar qualification from an approved institution in the health, behavioural, social or biological sciences with first or second class Honours, and
   (a) which required study for at least four years, or
   (b) which required study for at least three years, if
      (A) a postgraduate diploma from the university or an approved institution is also held, or
      (B) the research publications and written reports of that person satisfy the Faculty Academic Board that the applicant should be accepted as a candidate, and
   (ii) has, since obtaining the qualifications required, had training or experience in a relevant field for a period of at least
      (a) three years, where the applicant seeks entry through paragraph (i) (b) (B), or
      (b) two years, otherwise.

2. The Dean may allow a person to be admitted as a candidate, if of the opinion:
   (i) that a person has obtained a basic professional qualification in the health, behavioural, social or biological sciences in that person’s home country
   (ii) that person has subsequently had at least four years of relevant professional experience, which may include a post-basic diploma or other relevant training, and
   (iii) the qualifications and experience referred to above warrant admission.

3. Notwithstanding subrules (1) and (2), a person may not be admitted without first satisfying the Dean, if necessary by passing an examination, that the person has both the level of scientific understanding and the level of proficiency in the English language to undertake the course successfully.

4. For the purposes of subrule (1) an approved institution is one which, in the opinion of the Faculty Academic Board, maintains standards comparable to those of the university.

Application for Admission

Students enrol at the university in which they expect to undertake their specialist elective units and in which their dissertation will be supervised. Because this choice must be made before enrolment, a person seeking entry to the degree of Master of Public Health must, prior to application for admission, consult administration through the Student Centre at the School of Public Health on telephone (07) 3864 5878.

Course of Study

1. A candidate must:
(i) pursue the course (full-time) for not less than three or more than six semesters, and
(ii) obtain 144 credit points (48 per semester full-time, 24 part-time) comprising:
   (a) credit for all units listed in Part A of the Schedule (core units), and
   (b) 48 credit points from units listed in Part B of the Schedule (units), and
   (c) 48 credit points for PUN600 Dissertation (full-time) or PUN607 Dissertation (part-time).

(2) The Dean of Health may grant credit for a core unit if the Director considers the candidate has, while
enrolled in this course, passed a unit or units at least its equivalent in content and standard at any of the
three collaborating institutions.

Credit for a Unit
To obtain credit for a unit a candidate must:
(i) attend lectures, seminars, tutorials, practicals and other classes
(ii) undertake laboratory and fieldwork
(iii) complete assignments, project reports and theses
(iv) pass examinations, and
(v) fulfil any other requirement in the manner and to the extent prescribed by the Director concerned.

Dissertation
(1) A candidate may not submit a dissertation for PUN600 Dissertation (full-time) or PUN607 Dissertation
(part-time) without approval of the topic by the Course Coordinator of the program after consultation
with the supervisors.
(2) The dissertation must be examined by two examiners appointed by the Head of School.
(3) A candidate may, with the approval of the Director, submit further original work, whether published
or not, for the consideration of the examiners.
(4) The Head of School shall determine whether credit will be awarded for the dissertation after considering
the reports of the examiners.

Power of the Faculty Board to Terminate Enrolment
The Faculty Academic Board may, at any time, terminate a candidate’s enrolment if it is of the opinion that
the candidate has supplied incomplete or inaccurate information with respect to application for enrolment.

Granting of Degree
The Master of Public Health degree may be conferred on a candidate who has fulfilled the requirements of
these rules and complied with the provisions of all Statutes and other applicable rules.

Course Structure
Students in the program undertake a coursework component in their first two semesters (full-time) or four
semesters (part-time – two units per semester), followed by a dissertation component of one semester (full-
time) or two semesters (part-time). The coursework component comprises four core units and four advanced
units.

PART A
Core Units

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>PUN603</td>
<td>Environment &amp; Population Health (GU)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUN604</td>
<td>Introduction to Epidemiology (UQ)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUN692</td>
<td>Health Care Delivery Systems (QUT)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUN696</td>
<td>Introduction to Health Promotion (Coordinated by GU)</td>
<td>12</td>
<td>3</td>
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PART B
Advanced Elective Units Offered by QUT

<table>
<thead>
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<th>Code</th>
<th>Title</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>LWS006</td>
<td>Health, Ethics &amp; the Law</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUN608</td>
<td>Health Economics &amp; Finance</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUN610</td>
<td>Health Services Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUN611</td>
<td>Community Health Planning</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUN612</td>
<td>Health Services Research &amp; Evaluation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUN613</td>
<td>Health Promotion Planning &amp; Evaluation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUN617</td>
<td>Environmental Health Management</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

3 These units will be available through flexible delivery mode in 1999.
HEALTH

PUP007 Social & Behavioural Epidemiology³ 12 3
PUP018 Health Promotion Strategies 12 3

Additional elective units are offered by other collaborating universities.

PART C
PUN600 Dissertation (full-time) 48
PUN607 Dissertation (part-time) 48

Dissertation
The dissertation is equivalent to an honours dissertation in type and scope and is expected to be between 10 000 and 20 000 words in length.

■ Graduate Certificate in Health Science (HL38)

Location: Kelvin Grove campus

Course Duration: 1 year part time

Course Coordinator: Dr MaryLou O’Connor-Fleming

Fees: $60.00 per credit point applicable to domestic students.

Entry Requirements
To be eligible for admission applicants should hold an appropriate Bachelor degree or other qualifications/appropriate work experience acceptable to the Dean. Students with relevant postgraduate studies may apply for credit transfer or recognition of prior learning/experience within the rules of the university.

For entry to the Graduate Certificate in Environmental Health area applicants must hold an undergraduate degree in Environmental Health/Science. Completion of units in the Occupational Health & Safety or Human Movement Studies areas do not qualify graduands to practice in these areas.

GRADUATE CERTIFICATE IN HEALTH SCIENCE – NO MAJOR

Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core unit – selected from List A or any other 12 credit point postgraduate unit acceptable to Course Coordinator. Contact the Course Coordinator for assistance with unit selection before completing your Enrolment Form.</td>
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<tr>
<td>Specialist Elective*</td>
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</table>

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<thead>
<tr>
<th>Year 1, Semester 2</th>
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<tbody>
<tr>
<td>Specialist Elective⁴</td>
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<tr>
<td>Specialist Elective⁴</td>
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</table>

GRADUATE CERTIFICATE IN HEALTH SCIENCE (HEALTH PROMOTION)

<table>
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<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUP022 Health Promotion Concepts &amp; Policies 12 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUP031 Settings for Health Promotion 12 3</td>
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<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUP032 Intervention Design &amp; Theories of Change 12 3</td>
</tr>
<tr>
<td>PUP023 Program Planning and Evaluation 12 3</td>
</tr>
</tbody>
</table>

GRADUATE CERTIFICATE IN HEALTH SCIENCE (ENVIRONMENTAL HEALTH)

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUP010 Health in Australian Society 12 3</td>
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</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
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</thead>
<tbody>
<tr>
<td>PUN617 Environmental Health Management 12 3</td>
</tr>
<tr>
<td>PUN619 Environment &amp; Health 12 3</td>
</tr>
</tbody>
</table>

³ These units will be available through flexible delivery mode in 1999.

⁴ Specialist Electives to be selected from lists of Faculty Electives (List B) which are offered in the Master of Health Science (HL88) in the areas of: Environmental Health, Family & Consumer Studies, Human Movement Studies, Health Services Management, Health Promotion or Occupational Health & Safety. Other electives may be selected with the approval of the Course Coordinator.
GRADUATE CERTIFICATE IN HEALTH SCIENCE (HEALTH SERVICES MANAGEMENT)

Year 1, Semester 1
PUN692  Health Care Delivery Systems  12  3
PUN610  Health Services Management  12  3

Year 1, Semester 2
Select TWO
PUN611  Community Health Planning  12  3
PUN612  Health Services Research & Evaluation  12  3
PUN608  Health Economics  12  3

ELECTIVE LISTS
List A
HMN601  Exercise & Health Across the Lifespan  12  3
LWS006  Health Ethics & the Law  12  3
PUN601  Contemporary Health Policy  12  3
PUN692  Health Care Delivery Systems  12  3
PUN608  Health Economics  12  3
PUN610  Health Services Management  12  3
PUP007  Social & Behavioural Epidemiology  12  2
PUP021  Case Studies on Contemporary Health Issues  12  2
PUP027  Independent Study  12
PUP031  Settings for Health Promotion  12  3
PUP032  Intervention Design & Theories of Change  12  3
MAN009  Experimental Design & Statistical Analysis for Research  12  3
HLN405  Qualitative Research  12  3
HLN705  Introductory Quantitative Research Methods  12  4
HLN706  Advanced Quantitative Research Methods  12  4

List B: Faculty Electives

Environmental Health
PUN619  Environment & Health  12  3
PUN620  Concepts of Environmental Health  12  3
PUN617  Environmental Health Management  12  3

Health Promotion
PUP021  Case Studies on Contemporary Health Issues  12  3
PUP018  Health Promotion Strategies  12  3
PUP023  Program Planning & Evaluation  12  3
PUP022  Health Promotion Concepts & Policy: A Critical Analysis  12  3
PUN613  Health Promotion Planning & Evaluation  12  3

Human Movement Studies
Students should seek advice on unit selection & availability from the School of Human Movement Studies.
HMP505  Clinical Measurement  12  3
HMB480  Exercise Prescription for Special Populations  12  3
HMB277  Exercise & Sports Nutrition  12  3
HMP502  Exercise & Weight Control  12  3

Occupational Health & Safety
PUP116  Ergonomics  12  3
PUP215  Occupational Health & Safety Law & Practice  12  3
PUP250  Occupational Hygiene  12  3
PUP511  Occupational Health Management  12  3
PUP521  Risk Management  12  3
PUP415  Occupational Health  12  3
MEP201  Safety Technology & Practice  12  3

5 Elective units will only be offered if sufficient numbers enrol, thus different specialist electives may be subject to periodic intakes. Electives other than those listed above can be selected in consultation with the course coordinator. For details on the availability of electives, students should consult the relevant faculty or school or access the information via the QUT Home Page (http://www.qut.edu.au).

6 Fx – Flexible delivery mode. This may include block attendance, external notes and transfer of material via the Internet.
Health Services Management

PUN642 Classification & Casemix in Health 12 3
PUN643 Health Informatics 12 3
PUN644 Case Studies in Health Information Management 12
PUN608 Health Economics 12 3
PUN610 Health Services Management fx6 12 3
PUN611 Community Health Planning fx6 12 3
PUN612 Health Services Research & Evaluation fx6 12 3

Note: Students wishing to undertake external units should indicate CEX as the campus code for such units on their enrolment form. For information on units offered in external mode contact the Faculty of Health.

■ Graduate Diploma in Nursing (NS64)

Note: The Midwifery and Psychiatric/Mental Health Strands of this course are designed to lead to endorsement with the Queensland Nursing Council.

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time.

Total Credit Points: 96

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Professor Mary Courtney

Specialisations

This course is offered in the specialised areas of:

- Cancer Nursing
- Critical Care Nursing
- Gerontological ZNursing
- Midwifery
- Psychiatric/Mental Health
- Women’s Health Nursing.

Entry Requirements

Normal Entry

- Applicants for admission to the course shall hold:
  (i) a nursing qualification acceptable for registration by the Queensland Nursing Council
  (ii) a degree or diploma in nursing (or equivalent), and
  (iii) normally have at least one year of appropriate post-registration clinical experience.

Alternative Entry

Applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

Advanced Standing

Students who have successfully completed the Graduate Certificate in Nursing from QUT will have all four units credited towards the Graduate Diploma in Nursing and will only be required to undertake a further four units.

Course Requirements

To qualify for the award, students must successfully complete three clinical specialisation units, two core units, two electives and one research unit. The two core units are: NSN501 Advanced Clinical Strategies and NSN502 Nursing Knowledge. Students are required to select an area of specialisation and complete three clinical specialisation units in that speciality.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSN501 Advanced Clinical Strategies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSN501 Nursing Knowledge</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSN521 Clinical Specialisation 1</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Fx – Flexible delivery mode. This may include block attendance, external notes and transfer of material via the Internet.
Select one of the following units:

HLN405 Qualitative Research 12 3
HLN705 Introductory Quantitative Research Methods 12 3
HLN706 Advanced Quantitative Research Methods 12 3

**Year 1, Semester 2**

NSN522 Clinical Specialisation 2 12 3
NSN523 Clinical Specialisation 3 12 3
AND

Two elective units 24

**Part-Time Course Structure**

**Year 1, Semester 1**

NSN501 Advanced Clinical Strategies 12 3
NSN521 Clinical Specialisation 1 12 3

**Year 1, Semester 2**

NSN522 Clinical Specialisation 2 12 3
NSN523 Clinical Specialisation 3 12 3

**Year 2, Semester 1**

NSN502 Nursing Knowledge 12 3
AND

Select one of the following units:

HLN405 Qualitative Research 12 3
HLN705 Introductory Quantitative Research Methods 12 3
HLN706 Advanced Quantitative Research Methods 12 3

**Year 2, Semester 2**

Select two elective units from List B 24

**ELECTIVE LIST B**

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Semester of offer</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLN405</td>
<td>Qualitative Research</td>
<td>12</td>
<td>1,2</td>
<td>3</td>
</tr>
<tr>
<td>NSN507</td>
<td>Contemporary Issues</td>
<td>12</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>NSN508</td>
<td>Advanced Readings in Nursing</td>
<td>12</td>
<td>1,2</td>
<td>3</td>
</tr>
<tr>
<td>NSN509</td>
<td>Special Topic</td>
<td>12</td>
<td>1,2</td>
<td>3</td>
</tr>
<tr>
<td>NSN510</td>
<td>Clinical Elective 1</td>
<td>12</td>
<td>1,2 Ext</td>
<td></td>
</tr>
<tr>
<td>NSN516</td>
<td>Sexual &amp; Reproductive Health</td>
<td>12</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>NSN517</td>
<td>Women’s Health Issues</td>
<td>12</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>PUP018</td>
<td>Health Promotion Strategies</td>
<td>12</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>PUP021</td>
<td>Case Studies on Contemporary Health Issues</td>
<td>12</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>PUN643</td>
<td>Health Informatics</td>
<td>12</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>LWS006</td>
<td>Health, Ethics &amp; The Law</td>
<td>12</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>PUN608</td>
<td>Health Economics &amp; Finance</td>
<td>12</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>PUN610</td>
<td>Health Services Management</td>
<td>12</td>
<td>1,2</td>
<td>3</td>
</tr>
<tr>
<td>PUN611</td>
<td>Community Health Planning</td>
<td>12</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

Or any other 12 credit point postgraduate unit for which students have the necessary prerequisites.

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**Graduate Diploma in Health Promotion (PU69)**

**Location:** Kelvin Grove campus

**Course Duration:** 1 year full-time or 2 years part-time internal or external

**Total Credit Points:** 96

**Standard Credit Points/Part-Time Semester:** 24

**Course Coordinator:** Dr Elizabeth Parker

**Entry Requirements**

To be eligible for admission, an applicant must hold the following:

(i) an approved degree/diploma, or General Nursing Certificate and two post-basic nursing certificates or equivalent, and

(ii) at least one year’s experience in the field of teaching or community health.
Special Course Requirements

There are three major areas in the course: compulsory units, professional units and elective units. All students are required to complete the compulsory units; however, with the approval of the Course Coordinator, PUP027 Independent Study (12 credit points) may be substituted for one of the compulsory units. The scheduling of elective units is subject to staff availability and student demand.

Students should have access to school or community health settings or appropriate health organisations to enable work to be undertaken.

Note: Students wishing to progress to the Master of Health Science must complete either HLN705 Introductory Quantitative Research Methods, HLN706 Advanced Quantitative Research Methods or HLN405 Qualitative Research.

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUP010 Health in Australian Society</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUP022 Health Promotion Concepts &amp; Policies: A Critical Analysis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUP031 Settings for Health Promotion</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following units:</td>
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</tr>
<tr>
<td>HLN405 Qualitative Research</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>HLN705 Introductory Quantitative Research Methods</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>HLN706 Advanced Quantitative Research Methods</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUP012 Program Evaluation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUP007 Social &amp; Behavioural Epidemiology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUP023 Program Planning &amp; Evaluation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUP032 Intervention Design &amp; Theories of Change</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective Unit</td>
<td>12</td>
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</table>

<table>
<thead>
<tr>
<th>Elective Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective unit to be selected from:</td>
</tr>
<tr>
<td>LWS006 Health Ethics &amp; the Law</td>
</tr>
<tr>
<td>PUP018 Health Promotion Strategies</td>
</tr>
<tr>
<td>PUP021 Case Studies on Contemporary Health Issues</td>
</tr>
<tr>
<td>PUP027 Independent Study</td>
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</table>

<table>
<thead>
<tr>
<th>Part-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUP010 Health in Australian Society</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUP022 Health Promotion Concepts &amp; Policies: A Critical Analysis</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUP007 Social &amp; Behavioural Epidemiology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUP032 Intervention Design &amp; Theories of Change</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 2, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUP031 Settings for Health Promotion</td>
<td>12</td>
<td>3</td>
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<tr>
<td>Select one of the following units:</td>
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<tr>
<td>HLN405 Qualitative Research</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>HLN705 Introductory Quantitative Research Methods</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>HLN706 Advanced Quantitative Research Methods</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUP012 Program Evaluation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 2, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUP023 Program Planning &amp; Evaluation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Elective Unit</td>
<td>12</td>
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</table>

<table>
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<tr>
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<tbody>
<tr>
<td>Elective unit to be selected from:</td>
</tr>
<tr>
<td>LWS006 Health Ethics &amp; the Law</td>
</tr>
<tr>
<td>PUP018 Health Promotion Strategies</td>
</tr>
<tr>
<td>PUP021 Case Studies on Contemporary Health Issues</td>
</tr>
<tr>
<td>PUP027 Independent Study</td>
</tr>
</tbody>
</table>
Graduate Diploma in Health Science (HL68)

Location: Kelvin Grove campus
Course Duration: 1 year full-time, 2 years part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr MaryLou O’Connor-Fleming

Entry Requirements

Students complete a program totalling 96 credit points selected from the Master of Health Science (HL88) program.

Course Structure

Semesters 1 and 2 (Full-time) or Semester 1 to 4 (Part-time) of Master of Health Science (HL88).

This program is offered in the specialised areas of: Environmental Health, Health Services Management or Human Movement Studies. Units may also be selected from a range of QUT postgraduate programs subject to the approval of the Course Coordinator and faculty offering the units.

Graduate Diploma in Occupational Health And Safety (PU65)

Location: Kelvin Grove campus
Course Duration: 1 year full-time, 2 years part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Strand Coordinator: Associate Professor Mike Capra

Entry Requirements

Normal Entry

The normal entry requirement for the course is a Bachelor degree or equivalent in an appropriate discipline from a recognised tertiary institution. There is no assumption of prior knowledge in occupational health and safety.

Special Entry

Special entry will be considered for a person without a degree, in view of experience and responsibility in occupational health and safety. As the course is academically demanding and high standards of performance are expected, such candidates will require either an extensive background in the discipline or other suitable tertiary qualifications and appropriate experience to be offered a place.

In some instances, preliminary bridging studies may be required.

Additional Requirements

All applications for entry will be judged on their individual merit. Course quota and the benefit of having a diverse class cohort are factors which impact on the final offer of places.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEP201 Safety Technology &amp; Practice</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUP115 Occupational Health &amp; Safety Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUP415 Occupational Health</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Select one from the following units:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUP511 Occupational Health Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>HLN405 Qualitative Research</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>HLN705 Introductory Quantitative Research Methods OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HLN706 Advanced Quantitative Research Methods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUP010 Health in Australian Society</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective units other than those listed can be selected in consultation with the Course Coordinator.

7 Elective units other than those listed can be selected in consultation with the Course Coordinator.
### Year 1, Semester 2
- PUP116  Ergonomics  
- PUP215  Occupational Health & Safety Practice  
- PUP250  Occupational Hygiene  
- PUP521  Risk Management  

#### Part-Time Course Structure

### Year 1, Semester 1
- MEP201  Safety Technology & Practice  
- PUP115  Occupational Health & Safety Management  

### Year 1, Semester 2
- PUP116  Ergonomics  
- PUP215  Occupational Health & Safety Practice  

### Year 2, Semester 1
- PUP415  Occupational Health  
- Select one from the following units:  
  - PUP511  Occupational Health Management  
  - HLN405  Qualitative Research  
  - HLN705  Introductory Quantitative Research Methods OR  
  - HLN706  Advanced Quantitative Research Methods  
  - PUP010  Health in Australian Society  

### Year 2, Semester 2
- PUP250  Occupational Hygiene  
- PUP521  Risk Management  

---

### Graduate Diploma in Public Health (PU60)

**Location:** QUT (Kelvin Grove campus), University of Queensland and Griffith University  
**Course Duration:** 1 year full-time, 2 years part-time  
**Total Credit Points:** 96  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Associate Professor Don Stewart  

**Entry Requirements**  
See Master of Public Health (PU85).  

**Course Requirements**  
Students complete a program totalling 96 credit points selected from the Master of Public Health (PU85) program.  

**Course Structure**  
Semesters 1 and 2 (Full-time) or Semester 1 to 4 (Part-time) of Master of Public Health (PU85).  

---

### Graduate Certificate in Nursing (NS32)

**Location:** Kelvin Grove campus  
**Course Duration:** 1 year part-time  
**Total Credit Points:** 48  
**Standard Credit Points/Full-Time Semester:** 24  
**Course Coordinator:** Professor Mary Courtney  

**Entry Requirements**  

**Normal Entry**  
Applicants for admission to the course shall hold:  
(i) A nursing qualification acceptable for registration by the Queensland Nursing Council, and  
(ii) A degree or Diploma in Nursing (or equivalent), and  

---

7 **Elective units other than those listed can be selected in consultation with the Course Coordinator.**
(iii) Normally have at least one year of appropriate post-registration clinical experience.

Alternative Entry
Applicants may be admitted on the basis of relevant experience at the discretion of the Head, School of Nursing.

Course Requirements
This course is offered in the specialised areas of:
- Critical Care Nursing
- Cancer Nursing
- Women’s Health Nursing
- Gerontological Nursing.

Students may choose one area of specialisation only.

All units successfully completed may be fully credited towards the Graduate Diploma in Nursing or Master of Nursing.

All Strands except Gerontological Nursing are offered in the external mode.

<table>
<thead>
<tr>
<th>Part-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
<th>Class Code</th>
</tr>
</thead>
</table>
| CRITICAL CARE STRAND
Year 1, Semester 1 |
NSN501 Advanced Clinical Strategies | 12 | 3 | CEX |
NSN521 Clinical Specialisation 1 | 12 | 3 | CEX |
Year 1, Semester 2 |
NSN510 Clinical Elective 1 | 12 | 3 | CEX |
NSN511 Clinical Elective 2 | 12 | 3 | CEX |
CANCER NURSING STRAND
Year 1, Semester 1 |
NSN501 Advanced Clinical Strategies | 12 | 3 | CEX |
NSN521 Clinical Specialisation 1 | 12 | 3 | CEX |
Year 1, Semester 2 |
NSN510 Clinical Elective 1 | 12 | 3 | CEX |
NSN522 Clinical Specialisation 2 | 12 | 3 | CEX |
WOMEN’S HEALTH STRAND
Year 1, Semester 1 |
NSN501 Advanced Clinical Strategies | 12 | 3 | CEX |
NSN521 Clinical Specialisation 1 | 12 | 3 | CEX |
Year 1, Semester 2 |
NSN522 Clinical Specialisation 2 | 12 | 3 | CEX |
NSN523 Clinical Specialisation 3 | 12 | 3 | CEX |
GERONTOLOGICAL NURSING STRAND
Year 1, Semester 1 |
NSN 501 Advanced Clinical Strategies | 12 | 3 | CKG |
NSN521 Clinical Specialisation 1 | 12 | 3 | CKG |
Year 1, Semester 2 |
NSN522 Clinical Specialisation 2 | 12 | 3 | CKG |
NSN523 Clinical Specialisation 3 | 12 | 3 | CKG |

- Bachelor of Applied Science (Honours) (HL52)
- Bachelor of Nursing (Honours) (HL50)
- Bachelor of Health Science (Honours) (HL55)

Location: Kelvin Grove campus
Course Duration: 1 year full-time, 2 years part-time
**Total Credit Points**: 96  
**Standard Credit Points/Full-Time Semester**: 48  
**Course Coordinator**: Dr Marylou O’Connor-Fleming

### Entry Requirements

- **Normal Entry**

  To be eligible for entry, students should have completed the University’s Bachelor of Applied Science/Bachelor of Health Science in a relevant area, or equivalent.

- **Bachelor of Nursing (Honours) students** should have completed the University’s Bachelor of Nursing (NS40, NS48) or equivalent.

  Students should 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.

- **Special Entry**

  Applicants who do not satisfy the normal entry requirements but 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.

### Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLP101 Advanced Discipline Readings</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>HLP103/1 Dissertation</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following units:

- **HLN405 Qualitative Research** 12 3
- **HLN706 Advanced Quantitative Research Methods** 12 3
- **Elective Unit** 12

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLP102 Research Seminars</td>
</tr>
<tr>
<td>HLP103/2/3/4 Dissertation</td>
</tr>
</tbody>
</table>

### Part-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
</tr>
</thead>
</table>

Select one of the following units:

- **HLN405 Qualitative Research** 12 3
- **HLN706 Advanced Quantitative Research Methods** 12 3
- **Elective Unit** 12

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLP101 Advanced Discipline Readings</td>
</tr>
<tr>
<td>HLP103/1 Dissertation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLP103/2/3 Dissertation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLP102 Research Seminars</td>
</tr>
<tr>
<td>HLP103/4 Dissertation</td>
</tr>
</tbody>
</table>

**Note**: Bachelor of Nursing (Honours) (HL50) students are required to complete HLN706 and HLN405 and therefore should not select an elective unit.

### Elective Units

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 student’s mentor/supervisor and the Course Coordinator. Normally the elective unit is chosen from within the student’s discipline area or from an area which complements or is germane to the student’s study program. Students may also select one of HLN706 Advanced Quantitative Research Methods, HLN405 Qualitative Research or MAN009 Experimental Design & Statistical Analysis.
Dissertation

The Dissertation is one unit valued at 48 credit points. It is commenced during semester 1 (full-time mode) or semester 2 (part-time mode) and completed over the course of the program. Preparation and presentation of the Dissertation are completed under the guidance of a supervisor.

Bachelor of Applied Science (Environmental Health) (PU42)

Note: This course is not accepting new students. New students will undertake PU40.

Location: Kelvin Grove campus
Course Duration: 3 years full-time
Total Credit Points: 288

Bachelor of Applied Science (Home Economics) (PU49)

Note: This course is not accepting new students. New students will undertake PU40.

Location: Kelvin Grove campus
Course Duration: 3 years full-time
Total Credit Points: 288

Bachelor of Applied Science (Human Movement Studies) (HM42)

Note: Continuing students should contact the Strand Coordinator for details of their enrolment program in 1999.
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.

A minor (48 credit points) in any approved discipline area within the university must be completed by the end of the third year of the course. A minor will normally consist of 1st, 2nd and 3rd year units. Students may choose to complete the minor study and elective units from School of Human Movement Studies’ offerings. Students will be provided with examples of suites of units they may choose to pursue from Faculty or wider University offerings. This sequence of units will be organised to provide emphases in areas of Human Movement Studies such as health and fitness leadership, exercise rehabilitation and exercise and sports nutrition.

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 (from 1998 onwards)  

<table>
<thead>
<tr>
<th>Year, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMB171 Fitness, Health &amp; Wellness</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>HMB313 Socio-Cultural Foundations of Physical Activity</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>LSB131 Anatomy</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>SSB912 Psychology</td>
<td>12</td>
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<table>
<thead>
<tr>
<th>Year, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
<tbody>
<tr>
<td>LSB231 Physiology</td>
<td>12</td>
<td>6</td>
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<tr>
<td>HMB272 Biomechanics</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>HMB275 Exercise &amp; Sport Psychology</td>
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<td>4</td>
</tr>
<tr>
<td>HMB172 Nutrition &amp; Physical Activity</td>
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<thead>
<tr>
<th>Year, Semester 1</th>
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<tbody>
<tr>
<td>HMB271 Foundations of Motor Control, Learning &amp; Development</td>
<td>12</td>
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<td>HMB273 Bioenergetics &amp; Muscle Physiology in Exercise</td>
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<tr>
<td>HMB274 Functional Anatomy</td>
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<tr>
<td>HMB276 Research in Human Movement</td>
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<td>PUB233 Information Education &amp; Communication for Health</td>
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<tr>
<td>HMB382 Principles of Exercise Prescription</td>
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<td>Major or Minor or Elective</td>
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<tr>
<td>HMB379 Disorders of Human Movement</td>
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<td>HMB474 Practicum 1 or Major Study</td>
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<td>Major or Minor or Elective</td>
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<td>HMB474 Practicum 1 or Major Study</td>
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<th>Year, Semester 1</th>
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<tbody>
<tr>
<td>HMB471 Project 1</td>
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<tbody>
<tr>
<td>HMB472 Project 2</td>
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<tr>
<td>HMB475 Practicum 2</td>
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</table>
Note
(i) Commencing students have been pre-enrolled in their units for the year.
(ii) Any student not entering the first year of the course or who has been given credit for one or more of the listed units should rule a line through the exempted unit code/s and unit title/s. Please add in the available space, the alternative unit/s you wish to enrol in. If insufficient space, please attach a separate page to your form.

<table>
<thead>
<tr>
<th>Full-Time Course Structure (for students who commenced prior to 1998)</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td><strong>Year 3, Semester 1 (in 1999)</strong></td>
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<tr>
<td>HMB382 Principles of Exercise Prescription</td>
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<tr>
<td>HMB471 Project 1</td>
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<tr>
<td>Advanced Elective</td>
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<tr>
<td>HMB472 Project 2</td>
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<td>4</td>
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<tr>
<td>HMB475 Practicum</td>
<td>36</td>
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</tr>
</tbody>
</table>

All students MUST obtain approval of the Course Coordinator prior to effecting any change of enrolment. Further advice regarding elective choices can be gained from academic advisers.

Note: This course has undergone restructuring. Students who commenced prior to 1995 will be required to attend scheduled academic advisory sessions to plan their progression through the course.

Third Level Units
All third level units are not available in every semester. Students should consult School notice boards for availability.

| HMB277 Exercise & Sport Nutrition                               | 12           | 4              |
| HMB361 Functional Anatomy 2                                    | 12           | 4              |
| HMB362 Biomechanics 2                                           | 12           | 4              |
| HMB363 Independent Study                                       | 12           | 4              |
| HMB364 Seminars in Human Movement                              | 12           | 4              |
| HMB371 Motor Control & Learning 2                             | 12           | 4              |
| HMB374 Psychology of Rehabilitation                           | 12           | 4              |
| HMB375 Adapted Physical Activity                               | 12           | 4              |
| HMB376 Motor Development in Children                           | 12           | 4              |
| HMB377 Children in Sport                                       | 12           | 4              |
| HMB379 Disorders of Human Movement                             | 12           | 4              |
| HMB381 Cardiovascular & Pulmonary Physiology in Exercise       | 12           | 4              |
| HMB383 Workplace Health                                        | 12           | 4              |
| HMB384 Injury Prevention & Rehabilitation                     | 12           | 4              |
| HMB480 Advanced Exercise Prescription                          | 12           | 4              |

■ Bachelor of Applied Science (Occupational Health and Safety) (PU44)

Note: This course is not accepting new students. New students will undertake PU40.
Location: Kelvin Grove campus
Course Duration: 3 years full-time
Total Credit Points: 288
Standard Credit Points/Full-Time Semester: 48
Strand Coordinator: Dr Syed Naqvi

Course Requirement
Note: Continuing students should contact the Strand Coordinator for details of their enrolment program in 1999.

Cooperative Education Program
A registered student who has completed 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 Course Coordinator, undertake the Cooperative Education option. This involves 10-12 months of paid full-time employment in an approved industrial/commercial setting during which time the student is enrolled in PUB695 Industrial Training Experience. On completion of the approved cooperative education placement the student resumes formal third year studies but is not required to complete the units PUB516 Occupational Health & Safety Practice 1 and PUB613 Occupational Health & Safety 2. Approval of enrolment in the cooperative education program is dependent on the availability of places and on individual student performance in the first two years of the course.

Bachelor of Applied Science (Optometry) (OP42)
Location: Kelvin Grove campus
Course Duration: 4 years full-time
Total Credit Points: 384
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Associate Professor Peter Swann

Professional Recognition
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 States’ legislation. Under these Acts, the practice of optometry is restricted to persons whose names appear on the Register. On completion of the degree course 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 and approved by Academic Committee.

Ophthalmic instruments are required by students for the clinical program from the beginning of the third and fourth years of the course. Academic staff provide advice regarding the purchase of these instruments. Total costs are estimated to be $3000 – $4000.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>LSB118 Life Science</td>
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<tr>
<td>LSB152 Anatomy</td>
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<tr>
<td>MAB140 Mathematics</td>
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<td>PCB141 Chemistry for Clinical Health Professionals</td>
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<tbody>
<tr>
<td>LSB275 Biomolecular Science</td>
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<td>LSB250 Human Physiology</td>
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<tr>
<td>OPB250 Optometry 2</td>
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<td>PHB240 Optics 2</td>
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Continuing Students 1999

**Year 2, Semester 1**

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<tr>
<td>LSB371</td>
<td>Biochemistry 4</td>
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<tr>
<td>LSB451</td>
<td>Human Physiology</td>
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<tr>
<td>MAB252</td>
<td>Statistics</td>
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<td>OPB312</td>
<td>Visual Science 3</td>
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<td>PHB340</td>
<td>Optics 3</td>
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**Year 2, Semester 2**

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<tr>
<td>LSB370</td>
<td>Disease Processes</td>
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<tr>
<td>LSB491</td>
<td>Microbiology 3</td>
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<tr>
<td>OPB401</td>
<td>Ocular &amp; Regional Anatomy</td>
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<td>OPB405</td>
<td>Clinical Optometry 4</td>
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<tr>
<td>OPB412</td>
<td>Visual Science 4</td>
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<td>OPB415</td>
<td>Ocular Physiology</td>
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**Year 3, Semester 1**

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<td>OPB504</td>
<td>Ophthalmic Optics 5</td>
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<tr>
<td>OPB505</td>
<td>Clinical Optometry 5</td>
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<td>OPB509</td>
<td>Optometry 5</td>
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<td>OPB520</td>
<td>Pharmacology</td>
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<td>OPB527</td>
<td>Diseases of the Eye 5</td>
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**Year 3, Semester 2**

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<td>OPB608</td>
<td>Ocular Pharmacology</td>
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<tr>
<td>OPB609</td>
<td>Optometry 6</td>
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<td>OPB617</td>
<td>Contact Lens Studies 6</td>
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<td>OPB627</td>
<td>Diseases of the Eye 6</td>
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<tr>
<td>SSB911</td>
<td>General Psychology</td>
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**Year 4, Semester 1**

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<td>OPB705</td>
<td>Clinical Optometry 7</td>
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<td>OPB709</td>
<td>Optometry 7</td>
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<td>OPB717</td>
<td>Contact Lens Studies 7</td>
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<td>OPB750/1</td>
<td>Project</td>
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**Year 4, Semester 2**

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<td>Occupational/Public Health Optometry</td>
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<td>OPB805</td>
<td>Clinical Optometry 8</td>
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<td>OPB807</td>
<td>Practice Management</td>
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**Bachelor of Applied Science (Podiatry) (PU45)**

**Note:** This course is not accepting new students. New students will undertake PU43.

**Location:** Kelvin Grove campus

**Course Duration:** 3 years full-time

**Total Credit Points:** 288

**Standard Credit Points/Full-Time Semester:** 48

**Strand Coordinator:** Mr Alan Crawford

**Professional Recognition**

Graduates are eligible for State Registration throughout Australia. This qualification is also acceptable for registration in the United Kingdom, New Zealand and the EEC countries.

Graduates also become Members of the Australian Podiatry Association and are eligible to apply for membership of the Australian Sports Medicine Federation.

**Course Requirement**

Students are required to undertake 180 hours of clinical practice between semesters in the second and third years of the course.

**Note:** Continuing students should contact the Strand Coordinator for details of their enrolment program in 1999.
### Bachelor of Business (PU48)

With majors in: Health Administration and Health Information Management.

**Note:** This course is not accepting new students. New students will undertake PU40.

**Location:** Kelvin Grove campus

**Course Duration:** 3 years full-time (Health Information Management major), 3 years full-time or 6 years part-time (Health Administration major)

**Total Credit Points:** 288

**Standard Credit Points/Full-Time Semester:** 48

**Strand Coordinator:**
- Health Information Management: Ms Jennifer Nicol
- Health Administration: Ms Desley Vine

**Professional Recognition**

Students who complete the Health Administration major are eligible for membership of the Australian College of Health Service Executives.

Students who complete the Health Information Management Major are eligible for membership of the Health Information Management Association of Australia (HIMAA).

**Course Requirements**

**Note:** Continuing students should contact the Strand Coordinator for details of their enrolment program in 1999.

### Bachelor of Health Science (PU40)


**Location:** Kelvin Grove campus

**Course Duration:** 3 years full-time (Environmental Health, Health Information Management, Health Services Management, Family and Consumer Studies, Occupational Health and Safety, Public Health

**Total Credit Points:** 288

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Alan Crawford

**ENVIRONMENTAL HEALTH**

**Strand Coordinator:** Mr Tim Strickland

**Course Requirements**

Arrangements to complete the course through a ‘sandwich’ program can be discussed with the Strand Coordinator. This method of attendance is relevant to students living outside the Brisbane region and those who are employed as trainee Environmental Health Officers. Trainee Environmental Health Officers are permitted a maximum of six years to complete the course. Field trips as detailed in the unit synopses have an attendance requirement and will be assessed.

**Professional Recognition**

Students who complete the Environmental Health major will be eligible for membership of the Australian Institute of Environmental Health and the Environment Institute of Australia. Graduates will be accredited to work as an environmental health officer within Australia and overseas.

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>LSB118 Introduction to Life Science</td>
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<td>PCB142 Chemistry</td>
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<td>PCB150 Physics 1H</td>
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<tr>
<td>PUB107 Introduction to Environmental Health</td>
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</table>
### Year 1, Semester 2
- PCB242 Chemistry 2 12 6
- PCB263 Physics 2E 12 6
- PUB200 Environmental Protection 12 4
- PUB251 Contemporary Public Health 12 4

### Year 2, Semester 1
- CNB171 Construction 1 12 6
- LSB142 Human Anatomy & Physiology 12 5
- NRB421 Environmental Measurement Techniques 12 4
- PUB307 Environmental Pollution, 12 4

### Year 2, Semester 2
- LSB415 Microbiology 12 6
- PUB233 Communication Information & Education for Health 12 4
- PUB403 Environmental Health Management A 12 4
- SSB912 Psychology 12 3

### Year 3, Semester 1
- PUB112 Introduction to Occupational Health & Safety 12 3
- PUB314 Epidemiology & Statistics 12 4
- PUB510 Environmental Health Management B 12 4
- PUB517 Food Hygiene Studies 12 4

### Year 3, Semester 2
- PUB316 Research Methods 12 4
- PUB604 Environmental Health Management C 12 4
- PUB611 Risk Management 12 4
- PUB621 Environmental Health Practice 12

### FAMILY AND CONSUMER STUDIES

**Strand Coordinator:** Dr Margaret Wingett

**Professional Recognition**
Students who complete the Family and Consumer Studies major will be eligible for membership of the Public Health Association of Australia, the Home Economics Institute of Australia and the Community Health Association.

<table>
<thead>
<tr>
<th>Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
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<td><strong>Year 1, Semester 1</strong></td>
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<tr>
<td>PUB105 Introduction to Family Studies</td>
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<td>PUB117 Introduction to Consumer Studies</td>
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<td>PUB233 Communication Information &amp; Education for Health</td>
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<td>PUB251 Contemporary Public Health</td>
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<td>HUB687 Contemporary Moral Issues</td>
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<td>PUB123 Human Development &amp; Relationships</td>
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<td>PUB201 Public Health Nutrition I</td>
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<td>PUB203 Primary Health Care</td>
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<td>PUB314 Epidemiology &amp; Statistics</td>
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<td>PUB349 Families &amp; Households</td>
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<tr>
<td>Elective (List C)</td>
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<td><strong>Year 2, Semester 2</strong></td>
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<td>HUB752 The Just Society</td>
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<td>PUB316 Research Methods</td>
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<tr>
<td>PUB477 Consumer Rights &amp; Advocacy</td>
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<td>Elective (List B &amp; D)</td>
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<td>PUB551 Promoting Health in Families</td>
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<tr>
<td>PUB529 Health Planning &amp; Evaluation</td>
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<td>PUB655 Health Policy &amp; Planning</td>
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<td>Elective (List A &amp; C)</td>
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Year 3, Semester 2
PUB601 Family Life & Social Change 12 3
PUB678 Consumer Perspectives on Health 12 3
PUB875 Professional Practice 12 4
Elective (List B & D)

Elective Lists
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. Suggested electives include:

List A (Semester 1)
BSB115 Management, People & Organisations 12 3
PUB107 Introduction to Environmental Health 12 3
PUB112 Introduction to Occupational Health & Safety 12 3
PUB225 Living Spaces for People 12 3
PUB355 Hospitality Studies 12 3

List B (Semester 2)
PUB332 Textile Studies 12 6
PUB336 Women’s Health 12 3
PUB401 Advanced Strategies in Public Health Problems 12 4
SSB027 Community Work 12 3
SSB806 Interpersonal & Group Processes 12 3
SSB807 Human Sexuality 12 3
SSB913 Developmental Psychology 12 3

List C (Semester 1)
HUB759 Values & Social Choice 12 2
PUB341 Nutrition Education 12 4
PUB501 Counselling for Health Professionals 12 3
PUB509 Public Health Nutrition 2 12 4
SSB904 Sociology of Health & Illness 12 3

List D (Semester 2)
HUB753 Ethical Decision Making 12 3
JSB082 Legal Rights & Responsibilities 12 3
PUB474 Food Studies 12 6
PUB611 Risk Management 12 4
PUB615 Occupational Health & Safety Management 12 4
PUB625 Case Studies in Public Health Nutrition 12 4

HEALTH SERVICES MANAGEMENT
Strand Coordinator: Ms Desley Vine

Professional Recognition
Students who complete the Health Services Management major will be eligible for membership of the Australian College of Health Service Executives.

<table>
<thead>
<tr>
<th>Credit Points</th>
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Year 1, Semester 1
BSB112 Electronic Commerce 12 3
BSB115 Management, People & Organisation 12 3
LWS001 Medicine & the Law 12 3
PUB130 Australian Health Industry 12 3

Year 1, Semester 2
AYB120 Business Law 12 3
MGB211 Organisational Behaviour 12 3
PUB251 Contemporary Public Health 12 4
PUB233 Communication, Information & Education for Health 12 4

Year 2, Semester 1
BSB110 Accounting 12 4
BSB113 Economics 12 3
PUB314 Epidemiology & Statistics 12 4
PUB380 Case Mix Management 12 3
### Year 2, Semester 2
- MGB207 Managing Human Resources 12 3
- PUB418 Health Computer System 12 3
- PUB433 Health Care Economics 12 3
- PUB480 Health Administration Finance 12 3

### Year 3, Semester 1
- PUB529 Health Planning & Evaluation 12 3
- PUB655 Health Policy & Planning 12 3
- Elective List C

### Year 3, Semester 2
- PUB316 Research Methods 12 4
- PUB659 Management of Health Services 12 3
- Elective List B or D

**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. Suggested electives include:

**List B (Semester 2 Level 1)**
- HMB171 Fitness Health & Wellness 12 3
- HMB273 Bioenergetics & Muscle Physiology In Exercise 12 4
- LSB415 Microbiology 12 5
- PUB117 Introduction to Consumer Studies 12 3
- PUB321 Textiles Studies 12 6
- PUB336 Women’s Health 12 3
- PUB349 Family & Households 12 4
- PUB401 Advanced Strategies in Public Health Problems 12 4
- PUB433 Health Care Economics 12 3
- PUB477 Consumer Rights & Advocacy 12 4
- SSB806 Interpersonal & Group Processes 12 3
- SSB807 Human Sexuality 12 3
- SSB913 Developmental Psychology 12 3

**List C (Semester 1 Levels 2 and 3)**
- HMB277 Exercise & Sports Nutrition 12 4
- HMB381 Exercise Physiology 2 12 4
- HUB759 Values & Social Choice 12 3
- PUB341 Nutrition Education 12 4
- PUB501 Applied Counselling for Health 12 3
- PUB507 Advanced Nutrition Science 12 4
- PUB509 Public Health Nutrition 2 12 4
- SSB804 Psychology & Gender 12 3

**List D (Semester 2 Levels 2 and 3)**
- HUB753 Ethical Decision Making 12 3
- JSB082 Legal Rights & Responsibilities 12 3
- LEB443 Human Sexuality & Learning 12 3
- PUB474 Food Studies 12 6
- PUB611 Risk Management 12 4
- PUB625 Case Studies in Public Health Nutrition 12 4

**HEALTH INFORMATION MANAGEMENT**

**Strand Coordinator:** Ms Jenny Nicol

**Professional Recognition**

Students who complete the Health Information Management major will be eligible for membership of the Health Information Management Association of Australia.

### Year 1, Semester 1
- LSB142 Human Anatomy & Physiology 12 5
- LWS001 Medicine & the Law 12 3
- PUB199 Health Information Management 1 12 3
- PUB251 Contemporary Public Health 12 4
### Year 1, Semester 2

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### Occupational Health and Safety

#### Strand Coordinator: Dr Syed Naqvi

**Professional Recognition**

Students who complete the Occupational Health and Safety major will be eligible for membership of the Safety Institute of Australia, the Ergonomics Society of Australia and the Australian Institute of Occupational Hygienists.

### Year 1, Semester 1

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<td>Industrial &amp; Environmental Analytical Chemistry</td>
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<td>PUB485</td>
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<td>Advanced Ergonomics</td>
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<td>PUB516</td>
<td>Occupational Health &amp; Safety Practice 1</td>
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<td>PUB585</td>
<td>Advanced Occupational Hygiene</td>
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### Cooperative Education Program

A registered student who has completed 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 Strand Coordinator, undertake the Cooperative Education option. This involves 10-12 months of paid full-time employment in an approved industrial/commercial setting during which time the student is enrolled in PUB695 Industrial Training Experience. On completion of the approved cooperative education placement the student resumes formal third year studies but is not required to complete the units PUB516 Occupational Health & Safety Practice 1 and PUB613 Occupational Health & Safety 2. Approval of enrolment in the cooperative education program is dependent on the availability of places and on individual student performance in the first two years of the course.

### Public Health

**Strand Coordinator:** Mr Peter Anderson

**Professional Recognition**

Students who complete the Public Health major will be eligible for membership of the Public Health Association of Australia and the Australian Association of Health Promotion Professionals.

<table>
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<td>PUB329 Foundations of Health Studies &amp; Health Behaviour</td>
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<td>PUB201 Public Health Nutrition</td>
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<td>SSB922 Social &amp; Cultural Aspects of Health</td>
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<td>PUB107 Introduction to Environmental Health</td>
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<td>PUB112 Introduction to Occupational Health &amp; Safety</td>
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<td>PUB529 Health Planning &amp; Evaluation</td>
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<td>PUB655 Health Policy &amp; Planning</td>
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<td>PUB875 Professional Practice</td>
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### Elective Units

Elective units may be chosen from any degree course subject to prerequisite requirements credit points.
availability of the unit & approval of the Head of School. Suggested electives include:

**List A (Semester 1 Level 1)**
- BSB113 Economics 12 3
- BSB115 Management People & Organisations 12 4
- HMB273 Bioenergetics & Muscle Physiology In Exercise 12 4
- LSB142 Human Anatomy & Physiology 12 5
- LWS001 Medicine & the Law 12 3
- PUB107 Introduction to Environmental Health 12 4
- PUB112 Introduction to Occupational Health & Safety 12 3
- PUB225 Living Spaces for People 12 3

**List B (Semester 2 Level 1)**
- HMB171 Fitness Health & Wellness 12 3
- LSB415 Microbiology 12 5
- PUB117 Introduction to Consumer Studies 12 3
- PUB316 Research Methods 12 4
- PUB321 Textiles Studies 12 6
- PUB336 Women’s Health 12 3
- PUB349 Family & Households 12 4
- PUB401 Advanced Strategies in Public Health Problems 12 4
- PUB433 Health Care Economics 12 3
- PUB477 Consumer Rights & Advocacy 12 4
- SSB806 Interpersonal & Group Processes 12 3
- SSB807 Human Sexuality 12 3
- SSB913 Developmental Psychology 12 3

**List C (Semester 1 Levels 2 and 3)**
- HMB277 Exercise & Sports Nutrition 12 4
- HMB381 Exercise Physiology 12 4
- HUB759 Values & Social Choice 12 3
- PUB341 Nutrition Education 12 4
- PUB501 Applied Counselling for Health 12 3
- PUB507 Advanced Nutrition Science 12 4
- PUB509 Public Health Nutrition 12 4
- SSB804 Psychology & Gender 12 3

**List D (Semester 2 Levels 2 and 3)**
- HUB753 Ethical Decision Making 12 3
- JSB082 Legal Rights & Responsibilities 12 3
- LEB443 Human Sexuality & Learning 12 3
- PUB474 Food Studies 12 6
- PUB611 Risk Management 12 4
- PUB625 Case Studies in Public Health Nutrition 12 4

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**Bachelor of Health Science (PU43)**

With majors in: Nutrition and Dietetics and Podiatry. Initial enrolment would be in the specific major.

**Location:** Kelvin Grove campus

**Course Duration:** 4 years full-time (Nutrition and Dietetics, Podiatry)

**Total Credit Points:** 384

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Alan Crawford

**Nutrition and Dietetics**

**Strand Coordinator:** Ms Angela Moor

**Professional Recognition**

Students who complete the Nutrition and Dietetics major will be eligible for membership of the Dietitians Association of Australia.
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<td>PUB405</td>
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### Year 3, Semester 1

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### Year 4, Semester 1

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<td>Applied Counselling for Health Professionals</td>
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<tr>
<td>PUB721</td>
<td>Practice in Clinical Dietetics 1</td>
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<td>PUB722</td>
<td>Practice in Clinical Dietetics 2</td>
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### Year 4, Semester 2

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<tr>
<td>PUB823</td>
<td>Practice in Community Nutrition</td>
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<td>PUB824</td>
<td>Practice in Foodservice Management</td>
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<td>Elective List C</td>
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**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. Suggested electives include:

**List A (Semester 1 Level 1)**

<table>
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<th>Course Code</th>
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<tbody>
<tr>
<td>BSB115</td>
<td>Management, People &amp; Organisation</td>
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<tr>
<td>LWS001</td>
<td>Medicine &amp; the Law</td>
<td>12</td>
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<tr>
<td>HMB273</td>
<td>Bioenergetics &amp; Muscle Physiology In Exercise</td>
<td>12</td>
<td>4</td>
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<tr>
<td>HMB277</td>
<td>Exercise &amp; Sports Nutrition</td>
<td>12</td>
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<td>PUB507</td>
<td>Advanced Nutrition Science</td>
<td>12</td>
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<tr>
<td>SSB804</td>
<td>Psychology &amp; Gender</td>
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**List B (Semester 1 Level 2 & 3)**

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<td>HMB346</td>
<td>Nutrition Research Methods</td>
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<td>MGB207</td>
<td>Managing Human Resources</td>
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<td>PUB507</td>
<td>Advanced Nutrition Science</td>
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<tr>
<td>PUB529</td>
<td>Health Planning &amp; Evaluation</td>
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List C (Semester 2 Levels 2 and 3)
PUB380  Casemix Management  12  3
PUB529  Health Planning & Evaluation  12  3
PUB625  Case Studies in Public Health Nutrition  12  4
PUB724  Research in Dietetics  12  4

PODIATRY
Strand Coordinator: Mr Alan Crawford

Professional Recognition
Students who complete the Podiatry major will be eligible for membership of the Australian Podiatry Association, The Australian Podiatry Association (Queensland) Inc. and the Australian Sports Medicine Federation.

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<tbody>
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<td>PCB142 Chemistry 1</td>
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<td>PCB150 Physics 1H</td>
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<td>PUB251 Contemporary Public Health</td>
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<tr>
<td>HMB272 Biomechanics</td>
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<td>LSB235 Advanced Anatomy</td>
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<td>PUB233 Communication, Information &amp; Education for Health</td>
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<td>LSB451 Human Physiology</td>
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<td>PUB314 Epidemiology &amp; Statistics</td>
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<tr>
<td>PUB324 Podiatric Medicine 1 (includes clinic work)</td>
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<td>LSB475 Disease Processes 4</td>
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<td>PUB316 Research Methods</td>
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<td>PUB424 Podiatric Medicine 2 (includes clinic work)</td>
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<td>PUB523 Medicine</td>
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<tr>
<td>PUB524 Podiatric Medicine 3 (includes clinic work)</td>
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<td>PUB525 Pharmacology</td>
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<td>PUB623 Dermatology</td>
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<td>PUB624 Podiatric Medicine 4 (includes clinic work)</td>
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<td>PUB635 Podiatric Surgery</td>
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<tr>
<td>PUB726 Orthopaedics</td>
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<tr>
<td>PUB727 Physical Medicine</td>
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<td>PUB728 Clinical Medicine 1</td>
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<tr>
<td>PUB729 Professional Internship 1</td>
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<td>PUB827 Sports Medicine</td>
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<td>PUB828 Clinical Medicine 2</td>
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<tr>
<td>PUB829 Professional Internship 2</td>
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Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies) (HL42)

Location: Kelvin Grove campus
Course Duration: 5 years full-time
Total Credit Points: 528

Standard Credit Points/Full-Time Semester: Of the 10 semesters, 6 are of 48 credit points, and 4 are 60 credit points

Course Coordinator: Dr Graham Costin

Strand Coordinators:
Nutrition and Dietetics: Ms Angela Moor
Human Movement Studies: Associate Professor Peter Davies

Course Majors: Nutrition and Dietetics and Human Movement Studies

Professional Recognition
On graduation, students are eligible for membership in appropriate professional bodies. Students who complete the Nutrition and Dietetics major will be eligible for membership of the Dietitians Association of Australia. Students who complete the Human Movement Studies major will be eligible for membership of the Australian Association of Exercise and Sports Science.

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 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 (from 1998 onwards)

<table>
<thead>
<tr>
<th>Year, Semester</th>
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<th>Course Title</th>
<th>Credit Points</th>
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<td>LSB131</td>
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<td>12</td>
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<td>PUB251</td>
<td>Contemporary Public Health</td>
<td>12</td>
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<td>SSB912</td>
<td>Psychology</td>
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<td>3</td>
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<td>1, Semester 2</td>
<td>HMB171</td>
<td>Fitness, Health &amp; Wellness</td>
<td>12</td>
<td>3½</td>
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<td>HMB276</td>
<td>Research in Human Movement</td>
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<td>4</td>
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<td>Foundations of Motor Control Learning &amp; Development</td>
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<td>HMB274</td>
<td>Functional Anatomy</td>
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<td>Socio-Cultural Foundations of Physical Activity</td>
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<td>LSB308</td>
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<td>LSB358</td>
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<td>Nutrition Science</td>
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<td>Food Studies</td>
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<td>Bioenergetics &amp; Muscle Physiology in Exercise</td>
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<td>HMB379</td>
<td>Disorders of Human Movement</td>
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<td>PUB314</td>
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<td>PUB506</td>
<td>Foodservice Management</td>
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<td>Principles of Exercise Prescription</td>
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<td>PUB606</td>
<td>Dietetic Management</td>
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<td>PUB627</td>
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<td>PUB628</td>
<td>Advanced Food Studies</td>
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<td>4, Semester 1</td>
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<td>HMB470</td>
<td>Practicum 1</td>
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HEALTH

HMB471  Project 1  12
PUB509  Public Health Nutrition 2  12  4

Year 4, Semester 2
HMB275  Exercise & Sports Psychology  12  3
HMB472  Project 2  12
PUB824  Practice in Foodservice Management  12

Year 5, Semester 1
PUB501  Applied Counselling for Health Professionals  12  4
PUB721  Practice in Clinical Dietetics 1  12
PUB722  Practice in Clinical Dietetics 2  12
Elective

Year 5, Semester 2
HMB475  Practicum 2  36
PUB823  Practice in Community Nutrition  12

Additional Major Unit
The additional major unit will be selected from the following list. All third level units are not available in every semester. Students should consult School noticeboards for availability.

HMB277  Exercise & Sport Nutrition  12  4
HMB361  Functional Anatomy 2  12  4
HMB362  Biomechanics 2  12  4
HMB363  Independent Study  12  4
HMB364  Seminars in Human Movement  12  4
HMB371  Motor Control & Learning 2  12  4
HMB374  Psychology of Rehabilitation  12  4
HMB375  Adapted Physical Activity  12  4
HMB376  Motor Development in Children  12  4
HMB377  Children in Sport  12  4
HMB381  Cardiovascular & Pulmonary Physiology in Exercise  12  4
HMB383  Workplace Health  12  4
HMB384  Injury Prevention & Rehabilitation  12  4
HMB480  Advanced Exercise Prescription  12  4

■ Bachelor of Health Science (Occupational Health and Safety/
Bachelor of Applied Science (Human Movement Studies) (HL44)

Location: Kelvin Grove campus
Course Duration: 4.5 years full-time
Total Credit Points: 492
Standard Credit Points/Full-Time Semester: Of the 9 semesters, 4 are 48 credit points, and 5 are 60 credit points

Course Coordinator: Dr Graham Costin
Strand Coordinators:
Occupational Health & Safety: Dr Syed Naqvi
Human Movement Studies: Dr Charles Worringham

Course Majors: Occupational Health & Safety and Human Movement Studies

Professional Recognition
On graduation, students would be eligible for membership in appropriate professional bodies, by application or appropriate examination: the Safety Institute of Australia, the Ergonomics Society of Australia, the Australian Association for Exercise and Sport Science, the Australian Institute of Occupational Hygienists, and for certification in Workplace Rehabilitation.

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 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.
<table>
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<th>Year, Semester</th>
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**Bachelor of Nursing (Postregistration) (NS48)**

**Location:** Kelvin Grove campus

**Course Duration:** 1 year full-time, 2 years part-time internal/external mode. Mid-year entry is also available.

**Total Credit Points:** 96

**Annual & Semester Credit Point Load:** 48 credit points full-time, 24 credit points part-time per semester

**Course Coordinator:** To be advised

**External Coordinator:** Ms Deanne Gaskill
Entry Requirements
Applicants must be eligible for registration as a nurse in Queensland.

Electives
Students may select electives (other than those on List A) either within or outside the School of Nursing. It will be necessary to seek approval from the appropriate School/Faculty to enrol in elective units based outside the School of Nursing.

Note: NSB100 Language and Learning in Nursing 1 and is suitable for international students and NESB students.

NURSES WITH A HOSPITAL CERTIFICATE

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ADVANCED STANDING ONLY (DIPLOMATES)

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<td>CKG</td>
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</table>
Part-Time Course Structure

**Semester 1 (2 units)**

**Compulsory unit:**
- NSB321 Professional Practice Development 12 CKG 3 1

**Elective**

**Semester 2 (2 units)**

**Compulsory unit:**
- NSB224 Research Approaches in Nursing 12 CKG 3 1

**Elective List A**

Elective List A Semester Offered

- PUB107 Introduction to Environmental Health 1,2
- PUB233 Information, Education & Communication for Health 2
- PUB251 Contemporary Public Health 1,2
- PUB329 Foundations of Health Studies & Health Behaviour 1,2
- PUB336 Women’s Health 1,2
OR
- Any other 12 credit point undergraduate unit for which students have the necessary prerequisites such as:
  - NSB113 Values, Culture and Nursing
  - NSB223 Mental Health Nursing
  - NSB312 Family & Community Nursing (Nursing 6)

### Bachelor of Nursing (Preregistration) (NS40)

**Location:** Kelvin Grove campus

**Course Duration:** 3 years full-time, 6 years part-time

**Total Credit Points:** 288

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Robyn Nash/Debra Anderson

**Professional Recognition**

Graduates are eligible for registration within Australia, and have been successful in obtaining registration in Britain, New Zealand and North America.

This course is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member.

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<sup>8</sup> This unit contains off-campus clinical experience.
### Year 3, Semester 1
- **NSB311** Nursing 5  
  - 12  
  - 3  
- **NSB322** Clinical Practice 4  
  - 12  
  - Elective – List A  
  - 12  
  - Elective – List B  
  - 12

### Year 3, Semester 2
- **NSB312** Nursing 6  
  - 12  
  - 3  
- **NSB321** Professional Practice Development  
  - 12  
  - 3  
- **NSB323** Clinical Practice 5  
  - 12  
  - Elective – List C  
  - 12

### Part-Time Course Structure

#### Year 1, Semester 1
- **LSB182** Bioscience 1  
  - 12  
  - 5  
- **NSB113** Values, Culture & Nursing  
  - 12  
  - 3

#### Year 1, Semester 2
- **LSB282** Bioscience 2  
  - 12  
  - 5  
- **SSB982** Introduction to Social Science & Health Care  
  - 12  
  - 3

#### Year 1, Semester 3
- **NSB116** Nursing 1  
  - 12  
  - 3  
- **SSB101** Introduction to Psychology & Health Care  
  - 12  
  - 3

#### Year 1, Semester 4
- **NSB121** Nursing 2  
  - 12  
  - 3  
- **NSB122** Clinical Practice 1  
  - 12

#### Year 2, Semester 1
- **LSB382** Bioscience 3  
  - 12  
  - 3  
- **NSB223** Mental Health Nursing  
  - 12  
  - 3

#### Year 2, Semester 2
- **HUB009** Ethics, Law & Health Care  
  - 12  
  - 3  
- **NSB224** Research Approaches in Nursing  
  - 12  
  - 3

#### Year 2, Semester 3
- **NSB213** Nursing 3  
  - 12  
  - 3  
- **NSB212** Clinical Practice 2  
  - 12

#### Year 2, Semester 4
- **NSB221** Nursing 4  
  - 12  
  - 3  
- **NSB222** Clinical Practice 3  
  - 12

#### Year 3, Semester 1
- **NSB311** Nursing 5  
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  - Elective – List A  
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#### Year 3, Semester 2
- **NSB312** Nursing 6  
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  - Elective – List C  
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#### Year 3, Semester 3
- **NSB322** Clinical Practice 4  
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  - Elective – List B  
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#### Year 3, Semester 4
- **NSB321** Professional Practice Development  
  - 12  
  - 3  
- **NSB323** Clinical Practice 5  
  - 16

**Electives for 1999 (subject to availability)**

**Elective List A**
- **PUB127** Health Issues in Australia  
- **PUB112** Occupational Health & Safety 1

**Elective List B**
- **CPB442** Cultural Diversity & Education  
- **CPB444** Issues in Indigenous Education

*This unit contains off-campus clinical experience.*
Mechanism 2 – students may choose to study a unit of their choice which is conducted over the summer period.

**List C Elective**
- HUB008 Research Methods in Ethics & Bioethics
- NSB421 Independent Study
- NSB422 Special Topic
- PUB425 Food & Nutrition
  - OR
    - Any other approved unit, of at least 12 credit points, for which students have the necessary pre-requisites

**Advanced Standing**
(For students who have completed an undergraduate degree which includes specified prerequisite studies)

**Full-Time Course Structure**

**Year 1, Semester 1**
- NSB122 Clinical Practice 1
- NSB213 Nursing 3
- NSB223 Mental Health Nursing
- NSB417 Introduction to Nursing

**Year 1, Semester 2**
- HUB009 Ethics, Law & Health Care
- NSB221 Nursing 4
- NSB212 Clinical Practice 2
- NSB222 Clinical Practice 3

**Year 2, Semester 1**
- LSB382 Bioscience 3
- NSB311 Nursing 5
- NSB222 Clinical Practice 4
  - Elective – List A

**Year 2, Semester 2**
- NSB312 Nursing 6
- NSB321 Professional Practice Development
- NSB323 Clinical Practice 5
  - Elective – List C

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**Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies) (HL40)**

*Subject to final approval.*

**Location:** Kelvin Grove campus (some units are located at Gardens Point campus)

**Course Duration:** 4 years full-time

**Total Credit Points:** 432

**Course Co-ordinators:**
- Nursing: Ms Robyn Nash/Ms Debra Anderson
- Human Movement Studies: Dr Graham Costin

*This unit contains off-campus clinical experience.*
Course Requirements
Students are required to complete 432 credit points within the integrated course. This will consist of 240 credit points from the Bachelor of Nursing (Pre-Registration) degree (NS40) and 192 credit points from the Bachelor of Applied Science (in Human Movement Studies) degree (HM42).

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</table>

**Bachelor of Nursing/Bachelor of Health Science (Public Health) (HL46)**

*Subject to final approval

Location: Kelvin Grove campus (some units are located at Gardens Point campus)

---

8 This unit contains off-campus clinical experience.
Course Duration: 4 years full-time
Total Credit Points: 432
Course Co-ordinators:
Nursing: Ms Robyn Nash/Ms Debra Anderson
Public Health: Mr Peter Anderson

Course Requirements
Students are required to complete 432 credit points within the integrated course. This will consist of 228 credit points from the Bachelor of Nursing (Pre-Registration) degree (NS40) and 204 credit points from the Bachelor of Health Science (Public Health) degree (HM42).

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUB107 Introduction to Environmental Health OR</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB112 Introduction to Occupational Health &amp; Safety</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB130 Australian Health Industry</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB329 Foundations of Health Studies &amp; Health Behaviour</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB101 Introduction to Psychology &amp; Health Care</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUB201 Public Health Nutrition 1</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PUB233 Communication, Information &amp; Education for Health</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PUB251 Contemporary Public Health</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PUB336 Women’s Health</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>SSB922 Social &amp; Cultural Aspects of Health</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 2, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSB181 Bioscience 1</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>NSB116 Nursing 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB314 Epidemiology &amp; Statistics</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PUB537 Health Needs of Indigenous Australians &amp; Other Populations</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB341 Nutrition Education</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td><strong>Year 2, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSB282 Bioscience 2</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>NSB121 Nursing 2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSB122 Clinical Practice 1(^8)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB316 Research Methods</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PUB477 Consumer Rights &amp; Advocacy</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 3, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSB382 Bioscience 3</td>
<td>12</td>
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</tr>
<tr>
<td>NSB212 Clinical Practice 2(^8)</td>
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<tr>
<td>NSB213 Nursing 3</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSB223 Mental Health Nursing</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 3, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUB009 Ethics, Law &amp; Health Care</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSB221 Nursing 4</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSB222 Clinical Practice 3(^8)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB401 Advanced Strategies in Public Health</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td><strong>Year 4, Semester 1</strong></td>
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<td></td>
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<tr>
<td>NSB311 Nursing 5</td>
<td>12</td>
<td>3</td>
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<tr>
<td>NSB312 Nursing 6</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB529 Health Planning &amp; Evaluation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB655 Health Policy &amp; Planning</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PUB875 Professional Practice(^8)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 4, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NSB321 Professional Practice Development</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>NSB322 Clinical Practice 4(^8)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>NSB323 Clinical Practice 5(^8)</td>
<td>16</td>
<td>3</td>
</tr>
<tr>
<td>NSB421 Independent Study OR</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>NSB422 Special Topic</td>
<td>8</td>
<td>3</td>
</tr>
</tbody>
</table>

\(^8\) This unit contains off-campus clinical experience.
COURSES

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- Graduate Certificate in Information Technology (Software Engineering) (IT91)
- Graduate Certificate in Information Technology (Information Security) (IT92)
- Graduate Certificate in Information Technology (Enterprise Wide Software) (IT93)
- Graduate Certificate in Information Technology (Project) (IT95)
- Graduate Certificate in Information Technology (Generic) (IT97) ........................................... 573

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Information for all Information Technology students

Rules and regulations
Students undertaking courses in the Faculty of Information Technology should acquaint themselves with Faculty policy on assessment, deferred examinations, and plagiarism. In many cases, Faculty policy is more explicit than University policy. Commencing students should make sure they familiarise themselves with the Faculty Resource Guide.

Note that from first semester 1995 a minimum grade of 4 is normally required to fulfil the prerequisite requirement for all units in courses offered by the Faculty of Information Technology.

Faculty policy regarding use of University computer facilities
Access to computer accounts, E-mail, and bulletin board facilities via QUT equipment is provided solely to assist students in education and research. Use of such facilities by students for matters unrelated to their course of study or approved research represents misuse. Any misuse may result in fines, suspension of use of computer accounts, and/or strict disciplinary action. Students will be required to sign a code of conduct on the use of these facilities.

Master of Information Technology (Professional) (IT50)
Graduate Certificate in Information Technology (Software Engineering) (IT91)
Graduate Certificate in Information Technology (Information Security) (IT92)
Graduate Certificate in Information Technology (Enterprise Wide Software) (IT93)
Graduate Certificate in Information Technology (Project) (IT95)
Graduate Certificate in Information Technology (Generic) (IT97)

Location: Gardens Point campus
Course Duration: 3 years external (flexible delivery)
Total Credit Points: 144
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Mr Robert Smyth
Fees (1999): $1200 per unit. The Master of Information Technology (Professional) consists of 12 units (144 credit points). The Graduate Certificate courses consist of four units (48 credit points)

Entry Requirements
An applicant must:
(i) hold an approved degree in Information Technology from a recognised tertiary institution; or
(ii) have attained professional recognition by an equivalent course of study or examination; or
(iii) provide other evidence of such qualifications (for example Recognised Prior Learning (RPL) will satisfy the Faculty that the applicant possesses the capacity to pursue the course of study. AND
(iv) Have at least two years’ appropriate full-time work experience.

Equipment Requirements
All students will be required to have access to a modern computing system, typical software application packages (for example, Microsoft Office), and to the Internet.

Course Structure
The Master of Information Technology (Professional) is offered in two formats:
the standard masters option of 12 units (144 credit points) completed over six semesters part-time; OR
Completion of two Graduate Certificates in Information Technology (48 credit points each) followed by
a further 48 credit points to complete the masters.

Credit Points

SOFTWARE ENGINEERING MODULE (IT91) (4 units to be selected)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN480</td>
<td>Component Technology</td>
<td>12</td>
</tr>
<tr>
<td>ITN481</td>
<td>Object Technology</td>
<td>12</td>
</tr>
<tr>
<td>ITN482</td>
<td>Extensible Programming &amp; Java</td>
<td>12</td>
</tr>
<tr>
<td>ITN483</td>
<td>Software Engineering &amp; Quality Assurance</td>
<td>12</td>
</tr>
<tr>
<td>ITN484</td>
<td>Distributed Systems</td>
<td>12</td>
</tr>
</tbody>
</table>

It is recommended that ITN481 should be one of the first units completed in this module.

ENTERPRISE WIDE SOFTWARE MODULE (IT92) (4 units to be selected)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN281</td>
<td>ABAP/4 Programming</td>
<td>12</td>
</tr>
<tr>
<td>ITN282</td>
<td>Case Studies in Enterprise Wide Systems Implementation</td>
<td>12</td>
</tr>
<tr>
<td>ITN283</td>
<td>Issues in Information Technology Management</td>
<td>12</td>
</tr>
<tr>
<td>ITN284</td>
<td>Project in Enterprise Wide Systems Implementation</td>
<td>12</td>
</tr>
<tr>
<td>ITN285</td>
<td>Knowledge Management and Enterprise Wide Systems</td>
<td>12</td>
</tr>
</tbody>
</table>

It is recommended that ITN282 & ITN283 should be completed before ITN284 & ITN285.

ITN281 can be completed independent of the other units.

INFORMATION SECURITY MODULE (IT93)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN581</td>
<td>Cryptographic Fundamentals &amp; Applications</td>
<td>12</td>
</tr>
<tr>
<td>ITN582</td>
<td>Information Security Management</td>
<td>12</td>
</tr>
<tr>
<td>ITN583</td>
<td>Network, Internetwork and Distributed Systems Security</td>
<td>12</td>
</tr>
<tr>
<td>ITN584</td>
<td>Access Control and Smart Cards</td>
<td>12</td>
</tr>
</tbody>
</table>

It is recommended that ITN581 should be undertaken before ITN583.

PROJECT MODULE (IT95)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN180</td>
<td>Major Project (IS)</td>
<td>48</td>
</tr>
<tr>
<td>ITN183</td>
<td>Major Project (CS)</td>
<td>48</td>
</tr>
<tr>
<td>ITN185</td>
<td>Major Project (DC)</td>
<td>48</td>
</tr>
<tr>
<td>ITN181</td>
<td>Major Project (IS) (24 per semester)</td>
<td>24</td>
</tr>
<tr>
<td>ITN184</td>
<td>Major Project (CS) (24 per semester)</td>
<td>24</td>
</tr>
<tr>
<td>ITN186</td>
<td>Major Project (DC) (24 per semester)</td>
<td>24</td>
</tr>
</tbody>
</table>

Students will not normally be eligible to enrol in the Project Module without having completed at least 48
credit points of coursework units (or equivalent).

GENERIC MODULE (IT97)

Four coursework units selected from the units listed above.

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Master of Information Technology (Research) (IT60)

Location: Gardens Point campus

Course Duration: 1.5 years full-time, 3 years part-time

Total Credit Points Required: 144

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Associate Professor George Mohay

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN100 Research Methodologies</td>
<td>12</td>
</tr>
<tr>
<td>ITN160 Research Plan</td>
<td>12</td>
</tr>
<tr>
<td>Coursework Units (Selected in consultation with supervisor)</td>
<td>24</td>
</tr>
</tbody>
</table>
Year 1, Semester 2
IFN100 Full-time Masters Research 48

Year 2, Semester 1
IFN100 Full-time Masters Research 48

For full-time students who have exceeded the normal course duration and for whom an extension of time has been approved, IFN101 – Full-time Masters Research (extension) is substituted for IFN100 in subsequent semesters.

Part-Time Course Structure Credit Points

Year 1, Semester 1
Coursework Units (Selected in consultation with supervisor) 24

Year 1, Semester 2
ITN100 Research Methodologies 12
ITN160 Research Plan 12

Year 2, Semester 1
IFN200 Part-time Masters Research 24

Year 2, Semester 1
IFN200 Part-time Masters Research 24

Year 3, Semester 1
IFN200 Part-time Masters Research 24

Year 3, Semester 2
IFN200 Part-time Masters Research 24

For part-time students who have exceeded the normal course duration and for whom an extension of time has been approved, IFN201 - Part-time Masters Research (extension) is substituted for IFN200 in subsequent semesters.

Students may enrol in IFN203 Part-time Master Research (12 credit points) if their enrolled credit points need to be made up to 48 credit points or 24 credit points as the case may be.

COURSE RULES: MASTER OF INFORMATION TECHNOLOGY (RESEARCH)

Introduction
The objectives of the course are:

☐ To provide postgraduate educational opportunities in specialised fields of information technology by means of a program which involves either an original contribution to knowledge or an original application of existing knowledge.

☐ To provide postgraduate students with education in research processes in information technology.

☐ To enable graduates employed in industry to undertake further education by research and thesis.

☐ To enable students employed in industrial organisations and external agencies to undertake research projects related to their professional development.

☐ To further the relationships that exist between the University and industry or other external agencies engaged in information technology to their mutual advantage.

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 the University Academic Board.

1.3 The Research Management Committee has delegated responsibility for day-to-day administration of research master degrees to faculty academic boards. This program is administered by the Academic Board of the Faculty of Information Technology through its Faculty Research Committee. The Research Committee shall report biannually to the Research Management Committee on progress made by research masters degree candidates.
1.4 In order to qualify for the award of the degree of Master of Information Technology (Research), a candidate must:

- have completed the approved course of study under the supervision prescribed by the Faculty Research Committee;
- have submitted and the Faculty Research Committee have accepted a thesis prepared under the supervision of the supervisor;
- have completed any other work prescribed by the Faculty Research Committee; and
- have submitted to the Faculty Research Committee a declaration signed by the candidate that he/she has not been a candidate for another tertiary award without permission of the Faculty Research Committee.

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 Information Technology (Research) shall be:

- possession of a bachelor degree in information technology or other approved degree from the Queensland University of Technology, or
- possession of an equivalent qualification, or
- submission of such other evidence of qualifications as will satisfy the Faculty Research Committee that the applicant possesses the capacity to pursue the course of study.

2.4 An application for registration should set out the candidate’s intended course of study. The description should include the area of study within which the candidate’s course lies, the coursework to be undertaken and the aim of the proposed program of research and investigation. Within one month of registration, the candidate will submit to the Faculty Research Committee a more detailed outline of the research program including the proposed title of the thesis, the background of the area of research and investigation, and the significance of possible application of the research program and plan.

2.5 In considering an applicant for registration the Faculty Research Committee shall, in addition to assessing the applicant’s 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. 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.

2.7 A candidate shall receive confirmed registration as a graduate student when he or she:

- has been accepted for provisional registration in the Faculty of Information Technology and has met the requirements of the Faculty’s confirmation procedures, which are: (i) submission of a written progress report, detailing the results of both coursework and research work to date; (ii) presentation of a public seminar defending the proposed research plan; and (iii) interview with a review panel which normally consists of three members of the Faculty’s academic staff; and when
- the Faculty Research Committee has approved confirmed registration.

2.8 Applicants holding an appropriate and current honours degree or its equivalent may apply to the Faculty Research Committee for confirmed enrolment on admission. Such applicants approved by the Faculty Research Committee shall have individual minimum and maximum completion times specified.

2.9 The Faculty Research Committee may cancel a candidate’s registration, after consulting the relevant supervisors and having taken account of all relevant circumstances and having given the candidate opportunity to show cause why it should not do so:

- 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 (see Section 4), or
- if the quality and progress of research gives no reasonable expectation of successful completion of the degree, or
if the candidate’s performance in coursework undertaken is considered unsatisfactory.

2.10 A candidate whose registration has lapsed or has been cancelled and who wishes subsequently to re-enter the course to undertake a research program which is the same or essentially the same as the previous program may be re-admitted under such conditions as the Faculty Research Committee may prescribe.

3. Course of Study
3.1 A candidate for the degree of Master of Information Technology (Research) shall undertake a program of research and investigation on a topic approved by the Faculty Research Committee. 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 technical 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 A candidate may be required by the Faculty Research Committee to undertake an appropriate course of study concurrently with the research program.

The course of study normally will include:

☐ 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.

3.4 The research project undertaken by the candidate may be either internal or external. An external project is one which comprises research and investigation based at a place of employment or sponsoring institution. Normally, support of the sponsoring institution for the candidate’s application is required for registration.

3.5 Coursework at Masters level demands a capacity for critical analysis and a specialisation of research interests not normally appropriate for an undergraduate program.

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.

3.6 Coursework will occupy not more than a third of the total period of registration.

4. Period of Time for Completion of Course of Study
4.1 A full-time student shall normally be eligible for confirmation of registration after a period of at least six months has elapsed from initial registration. The corresponding period in the case of a part-time student shall be normally at least 12 months.

4.2 Students initially admitted as provisionally enrolled students shall present the thesis for examination after a minimum period of at least 18 months and within a maximum period of three years for a full-time student or a minimum period of at least three years and within a maximum period of five years for a part-time student. In special cases the Faculty Research Committee 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 candidate’s progress shall be presented to the Faculty Research Committee together with the reasons for the delay in completing the course and the expected date of completion. Where the Faculty Research Committee agrees to an extension, it may set a limit to the maximum period of registration in the program.

5. Supervision
5.1 For each candidate the Faculty Research Committee shall appoint two or more supervisors with appropriate experience provided that one shall be nominated as the Principal Supervisor and others as associate supervisors.

5.2 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.
5.3 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.

5.4 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 Faculty Research Committee on the student’s work. This report shall be seen by the candidate before submission to the Faculty Research Committee.

6. Place and Conditions of Work

6.1 The research program must normally be carried out under supervision in a suitable environment in Australia.

6.2 The Faculty Research Committee 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 and/or Director of 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 the school/department is willing to undertake the responsibility of supervising the applicant’s work.

6.3 The Faculty Research Committee 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 he/she is willing to accept responsibility for supervising the applicant’s work, and

☐ a statement from the Head of School or Director of Centre in which the study is proposed that, in his or her 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/department 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 the provisions of the document Requirements for Presenting Theses.

7.2 Not later than six months after confirmed registration the candidate shall submit the title of the thesis for approval by the Faculty Research Committee. After approval has been granted, no change shall be made except with the permission of the Faculty Research Committee.

7.3 The candidate shall give two months’ notice of intention to submit the thesis. Such notice shall be accompanied by the appropriate fee, if any.

7.4 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 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 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.

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 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 Research Management 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.

8. Examination of Thesis
8.1 The Faculty Research Committee shall appoint at least two examiners of whom at least one shall be from outside the University.

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

8.3 The thesis is forwarded to the examiners only after satisfactory internal assessment of the work. A candidate will normally be required to present a seminar. This internal assessment is conducted by a panel of three, nominated by the Faculty and chaired by the Principal Supervisor. Each member of the panel must receive a copy of the draft thesis (temporary binding) 14 days prior to the seminar.

8.4 On receipt of satisfactory reports from the examiners, and when the provisions of Section 7.1 have been fulfilled, the Faculty Research Committee shall recommend that the candidate be awarded the degree.

8.5 If the examiners’ reports are conflicting, the Faculty Research Committee may, after appropriate consultation with the Principal Supervisor:

☐ seek advice from a further external examiner, or
☐ not award the degree.

8.6 If, on the basis of the examiners’ reports, the Faculty Research Committee 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 student’s registration.

### Master of Information Technology (IT40)/ Graduate Diploma in Information Technology (IT35)

**Location:** Gardens Point campus  
**Course Duration:** 1.5 years full-time, 3 years part-time  
**Total Credit Points:** 144  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Mr Robert Smyth

**Note:** This course is currently under review. The following information may be subject to change.

**Course Structure**

The course structure is determined by the student’s entry qualifications:

Non-Information Technology graduates (students with a degree in a discipline other than information technology) complete the Introductory Module before choosing units from other unit lists, subject to fulfilling prerequisite requirements.

Information Technology graduates (students with a bachelor’s degree or graduate diploma in information technology) choose any listed units. They will not be permitted to do the Introductory Module.

On successful completion of 96 credit points in IT35:

(i) Students with a GPA of ≥ 5 will be eligible to continue to the Master of Information Technology (IT40) component and on completion of an additional 48 credit points will graduate with the Master of Information Technology.

(ii) Students with a GPA of < 5 will not be eligible to continue to the Master of Information Technology (IT40) and will graduate with the Graduate Diploma in Information Technology.
Prerequisites
When students are selecting units for enrolment they are required to meet the unit prerequisites listed in the
University’s Handbook. In cases where students consider that they possess the appropriate prerequisite
knowledge (without having completed the designated prerequisite unit), prior to commencing the unit the
student must seek formal written approval for enrolment in the unit from the appropriate School Postgraduate
Coordinator (Computing Science: Dr Chris Ho-Stuart, Data Communications: Dr Brad Broom, Information
Systems: Mr Glenn Stewart). The written approval should be forwarded to the Course Coordinator.
A minimum grade of 4 is normally required in a designated prerequisite unit.

NON-INFORMATION TECHNOLOGY GRADUATES

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>INTRODUCTORY MODULE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ITN210</td>
</tr>
<tr>
<td>Year 1, Semester 1</td>
<td>Foundations of Information Modelling</td>
</tr>
<tr>
<td>Year 1, Semester 2</td>
<td>Systems Analysis and Design</td>
</tr>
</tbody>
</table>

Year 1, Semester 2
Select four units from any of the Module Lists, subject to fulfilling prerequisite requirements.

MASTER OF INFORMATION TECHNOLOGY (IT40) COMPONENT

Year 2, Semester 1
Select four units from any of the Unit Lists, subject to fulfilling prerequisite requirements.

NON-INFORMATION TECHNOLOGY GRADUATES

Part-Time Course Structure

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>INTRODUCTORY MODULE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ITN210</td>
</tr>
<tr>
<td>Year 1, Semester 1</td>
<td>Foundations of Information Modelling</td>
</tr>
<tr>
<td>Year 1, Semester 2</td>
<td>Data Networks</td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td>Systems Analysis and Design</td>
</tr>
<tr>
<td>Year 2, Semester 2</td>
<td></td>
</tr>
</tbody>
</table>

Year 2, Semester 2
Select two units from any of the Unit Lists, subject to fulfilling prerequisite requirements.

Year 3, Semester 1
Select two units from any of the Unit Lists, subject to fulfilling prerequisite requirements.

Year 3, Semester 2
Select two units from any of the Unit Lists, subject to fulfilling prerequisite requirements.

INFORMATION TECHNOLOGY GRADUATES

Full-Time Course Structure

Year 1, Semester 1
Select four units (48 credit points) from any of the Unit Lists, subject to fulfilling prerequisite requirements.
Year 1, Semester 2
Select four units (48 credit points) from any of the Unit Lists, subject to fulfilling prerequisite requirements.

MASTER OF INFORMATION TECHNOLOGY (IT40) COMPONENT

Year 2, Semester 1
Select four units (48 credit points) from any of the Unit Lists, subject to fulfilling prerequisite requirements.

INFORMATION TECHNOLOGY GRADUATES

Part-Time Course Structure

Year 1, Semester 1
Select two units (24 credit points) from any of the Unit Lists, subject to fulfilling prerequisite requirements.

Year 1, Semester 2
Select two units (24 credit points) from any of the Unit Lists, subject to fulfilling prerequisite requirements.

Year 2, Semester 1
Select two units (24 credit points) from any of the Unit Lists, subject to fulfilling prerequisite requirements.

Year 2, Semester 2
Select two units (24 credit points) from any of the Unit Lists, subject to fulfilling prerequisite requirements.

MASTER OF INFORMATION TECHNOLOGY (IT40) COMPONENT

Year 3, Semester 1
Select two units (24 credit points) from any of the Unit Lists, subject to fulfilling prerequisite requirements.

Year 3, Semester 2
Select two units (24 credit points) from any of the Unit Lists, subject to fulfilling prerequisite requirements.

UNIT LISTS

Computing Science Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN420</td>
<td>Comparative Programming Languages</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN421</td>
<td>Software Specifications</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN430</td>
<td>Advanced Operating Systems</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITN431</td>
<td>Distributed Systems</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITN164</td>
<td>Project (CS)</td>
<td>24</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN174</td>
<td>Project (CS) – Part-time</td>
<td>24</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN445</td>
<td>Pattern Recognition</td>
<td>12</td>
<td>Sem 1 D</td>
</tr>
<tr>
<td>ITN446</td>
<td>Minor Project 1</td>
<td>12</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN447</td>
<td>Special Studies</td>
<td>12</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN441</td>
<td>Artificial Intelligence</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITN443</td>
<td>Neurocomputing</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN449</td>
<td>Minor Project 2 (CS)</td>
<td>12</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN450</td>
<td>Compiler Laboratory</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
</tbody>
</table>

Data Communications Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN520</td>
<td>Internetworking</td>
<td>12</td>
<td>Sem 1 D</td>
</tr>
<tr>
<td>ITN521</td>
<td>Network Applications</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITN530</td>
<td>Corporate Telecommunications</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN531</td>
<td>Network Security</td>
<td>12</td>
<td>Sem 2 D</td>
</tr>
<tr>
<td>ITB532</td>
<td>Network Management</td>
<td>12</td>
<td>Sem 1 D</td>
</tr>
<tr>
<td>ITB533</td>
<td>Comparative Network Systems</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITB542</td>
<td>Network Programming</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITB543</td>
<td>Data Security</td>
<td>12</td>
<td>Sem 2 D</td>
</tr>
<tr>
<td>ITB548</td>
<td>Introduction to Cryptology</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITB549</td>
<td>Error Control &amp; Data Compression</td>
<td>12</td>
<td>Sem 2 D</td>
</tr>
<tr>
<td>ITN165</td>
<td>Project (DC)</td>
<td>24</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN175</td>
<td>Project (DC) – Part-time</td>
<td>24</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN526</td>
<td>Minor Project 1</td>
<td>12</td>
<td>All Sems</td>
</tr>
<tr>
<td>Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Availability</td>
</tr>
<tr>
<td>--------</td>
<td>--------------------------------------------------</td>
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<td>----------------</td>
</tr>
<tr>
<td>ITN528</td>
<td>Minor Project 2</td>
<td>12</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN535</td>
<td>Access Control</td>
<td>12</td>
<td>Sem 1 D</td>
</tr>
<tr>
<td>ITN536</td>
<td>Security Topics</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITN540</td>
<td>Advanced Network Technologies</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITN554</td>
<td>Special Topics</td>
<td>12</td>
<td>Sem 1</td>
</tr>
<tr>
<td>ITN556</td>
<td>Advanced Topics in Cryptology</td>
<td>12</td>
<td>Sem 2 E</td>
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</table>

**Information Management Units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN211</td>
<td>Systems Analysis &amp; Design</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sem 2 D &amp; E</td>
</tr>
<tr>
<td>ITN340</td>
<td>Information Agencies</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN341</td>
<td>Information Policy &amp; Planning</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITB220</td>
<td>Database Design</td>
<td>12</td>
<td>Sem 1 D</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN100</td>
<td>Research Methodologies</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN220</td>
<td>Major Issues in Information Systems</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITN347</td>
<td>Information Management Project 1</td>
<td>12</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN348</td>
<td>Information Management Project 2</td>
<td>12</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN355</td>
<td>Information Resources &amp; Services for Business &amp; Industry</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
</tbody>
</table>

**Information Systems Units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB220</td>
<td>Database Design</td>
<td>12</td>
<td>Sem 1 D</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITB223</td>
<td>4GL Systems</td>
<td>12</td>
<td>Sem 1 D</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITB232</td>
<td>Database Systems</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sem 2 D</td>
</tr>
<tr>
<td>ITB258</td>
<td>ABAP/4 Programming</td>
<td>12</td>
<td>Sem 1 E</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Sem 2D</td>
</tr>
<tr>
<td>ITN162</td>
<td>Project (IS)</td>
<td>24</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN172</td>
<td>Project (IS) (Part-time)</td>
<td>24</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN220</td>
<td>Major Issues in Information Systems</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITN221</td>
<td>Object-Oriented Analysis &amp; Design</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sem 2 D</td>
</tr>
<tr>
<td>ITN230</td>
<td>Current Advances in Database Technology</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITN231</td>
<td>Knowledge-Based Systems</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN246</td>
<td>Minor Project 1 (IS)</td>
<td>12</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN248</td>
<td>Minor Project 2 (IS)</td>
<td>12</td>
<td>All Sems</td>
</tr>
<tr>
<td>ITN250</td>
<td>Distributed Database Systems</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN251</td>
<td>Issues in Information Technology Management</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN252</td>
<td>Process Engineering</td>
<td>12</td>
<td>Sem 1 D</td>
</tr>
<tr>
<td>ITN253</td>
<td>Enterprise Application Software</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN254</td>
<td>Principles of Human-Computer Interaction (HCI) Design</td>
<td>12</td>
<td>Sem 1 D</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sem 2 E</td>
</tr>
</tbody>
</table>

**Library & Information Studies Units**

This list is generally only available to students who have completed the Graduate Diploma in Library & Information Studies (IT25) with a GPA of 5 or better.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN350</td>
<td>Information Contexts</td>
<td>12</td>
<td>Sem 1 E</td>
</tr>
<tr>
<td>ITN510</td>
<td>Data Networks</td>
<td>12</td>
<td>Sem 1 D</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sem 2 E</td>
</tr>
</tbody>
</table>

AND two elective units. BOTH elective choices must be drawn from the SAME elective group, i.e. EITHER the Information Resources and Services Group OR the Program Management Group. Each elective group builds on and expands the focus and/or increases the depths of the knowledge gained from units studied in earlier semesters. Thus each Master’s graduate will have a recognisable strength in one or other of the designated group areas.

**Group 1: Resources**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN340</td>
<td>Information Agencies</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN355</td>
<td>Information Resources &amp; Services for Business &amp; Industry</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
</tbody>
</table>

582
Group 2 Program Management

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN341</td>
<td>Information Policy &amp; Planning</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
<tr>
<td>ITN355</td>
<td>Information Resources &amp; Services for Business &amp; Industry</td>
<td>12</td>
<td>Sem 2 E</td>
</tr>
</tbody>
</table>

Major Project Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN142</td>
<td>Major Project (IS) – Full-time</td>
<td>48</td>
</tr>
<tr>
<td>ITN144</td>
<td>Major Project (CS) – Full-time</td>
<td>48</td>
</tr>
<tr>
<td>ITN145</td>
<td>Major Project (DC) – Full-time</td>
<td>48</td>
</tr>
<tr>
<td>ITN152</td>
<td>Major Project (IS) – Part-time</td>
<td>48</td>
</tr>
<tr>
<td>ITN154</td>
<td>Major Project (CS) – Part-time</td>
<td>48</td>
</tr>
<tr>
<td>ITN155</td>
<td>Major Project (DC) – Part-time</td>
<td>48</td>
</tr>
</tbody>
</table>

☐ Master of Information Technology (IT40)/Graduate Diploma in Information Technology (IT35) – Mid Year Intake

NON-INFORMATION TECHNOLOGY GRADUATES

Part-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN210</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

Unit not completed in the previous semester:

ITN210 Foundations of Information Modelling

Select one from the following:

ITN211 Systems Analysis and Design
ITN343 Principles of Information Management
ITN411 Systems Architecture & Operating Systems
MAB177 Mathematics for Data Communications

Year 2, Semester 2

Select two units from any of the Module Lists, subject to fulfilling prerequisite requirements.

Year 3, Semester 1

Select two units from any of the Module Lists, subject to fulfilling prerequisite requirements.

MASTER OF INFORMATION TECHNOLOGY (IT40) COMPONENT

Year 3, Semester 2

Select two units from any of the Module Lists, subject to fulfilling prerequisite requirements.

Year 4, Semester 1

Select two units from any of the Module Lists, subject to fulfilling prerequisite requirements.

☐ Graduate Certificate in Information Technology (IT34)

Location: Asia-Pacific Institute of Management (New Delhi)

Course Duration: 1 semester full-time

Total Credit Points: 48

Course Coordinator: Mr Robert Smyth

Course Structure

On successful completion of 48 credit points in IT34 students will be eligible to continue to the Master of Information Technology (IT40) offered at the University’s Gardens Point campus, Brisbane, Australia.

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITZ210</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITZ410</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITZ510</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
Select one unit from the following:

- ITZ211 Systems Analysis and Design\(^1\) 12 3
- ITZ343 Principles of Information Management\(^1\) 12 3
- ITZ411 Systems Architecture & Operating Systems\(^1\) 12 3

---

**Graduate Diploma in Library and Information Studies (IT25)**

**Location:** Gardens Point campus

**Course Duration:** 1 year full-time, 2 years part-time

**Total Credit Points:** 96

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Mr Michael Middleton

**Entry Requirements**

To be eligible for admission to the Graduate Diploma in Library and Information Studies, applicants are required to have a degree (or equivalent) from a recognised tertiary institution in a discipline other than library and information studies and to have successfully completed a degree level introductory computing unit (the equivalent of at least three hours per week for one semester).

**Professional Recognition**

Graduates are eligible to become ‘Associates’ (that is, professional members) of the Australian Library and Information Association.

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB105 Study of Information Technology</td>
<td>0</td>
<td>3 weeks</td>
</tr>
<tr>
<td>ITN343 Principles of Information Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITP327 Information Organisation I</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITP328 Information Sources I</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

One unit selected from the following:

- ITB330 Information Issues & Values 12 3
- ITB335 Digital Libraries 12 3
- ITN210 Foundations of Information Modelling 12 3

**Year 1, Semester 2**

| ITN211 Systems Analysis & Design | 12 3 |
| ITP329 Information Resources Provision | 12 3 |
| ITP330 Professional Practice | 12 |
| MGN409 Introduction to Management | 12 3 |

**Part-Time Course Structure**

**Year 1, Semester 1**

| ITB105 Study of Information Technology | 0 | 4 weeks |
| ITP327 Information Organisation I | 12 | 3 |
| ITP328 Information Sources I | 12 | 3 |

**Year 1, Semester 2**

| ITP329 Information Resources Provision | 12 3 |
| MGN409 Introduction to Management | 12 3 |

**Year 2, Semester 1**

| ITN343 Principles of Information Management | 12 3 |

One unit selected from the following:

- ITB330 Information Issues & Values 12 3
- ITB335 Digital Libraries 12 3
- ITN210 Foundations of Information Modelling 12 3

**Year 2, Semester 2**

| ITN211 Systems Analysis & Design | 12 3 |
| ITP330 Professional Practice | 12 |

\(^1\) Unit will be offered subject to sufficient demand.
### Bachelor of Information Technology (Honours) (IT30)

**Location:** Gardens Point campus  
**Course Duration:** 1 year full-time, 2 years part-time  
**Total Credit Points:** 96  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Dr Alison Anderson

#### Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, Semester 1</td>
<td>ITN100 Research Methodologies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITN110 Project (Honours)</td>
<td>12</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>1, Semester 2</td>
<td>Elective</td>
<td>12</td>
<td>3</td>
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<tr>
<td></td>
<td>Elective</td>
<td>12</td>
<td>3</td>
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<tr>
<td>Select one of the following:</td>
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<tr>
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<tr>
<td>ITN124 Dissertation (CS)</td>
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<tr>
<td>ITN125 Dissertation (DC)</td>
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#### Part-Time Course Structure

<table>
<thead>
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<th>Course</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
<tbody>
<tr>
<td>1, Semester 1</td>
<td>ITN100 Research Methodologies</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITN110 Project (Honours)</td>
<td>12</td>
<td>-</td>
</tr>
<tr>
<td>1, Semester 2</td>
<td>Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>12</td>
<td>3</td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>ITN132/1 Dissertation (IS)²</td>
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<tr>
<td>ITN134/1 Dissertation (CS)²</td>
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<tr>
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</table>

² *Unit extends over two semesters.*
**Year 2, Semester 2**

<table>
<thead>
<tr>
<th>Elective Units</th>
</tr>
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<tbody>
<tr>
<td>ITN132/2 Dissertation (IS)²</td>
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<tr>
<td>ITN134/2 Dissertation (CS)²</td>
</tr>
<tr>
<td>ITN135/2 Dissertation (DC)²</td>
</tr>
</tbody>
</table>

**Elective Units**

With the approval of the Course Coordinator, elective units may be chosen from specified units in the area of Computing Science, Data Communications, Information Management, or Information Systems, or from any other Honours/Masters unit offered by the Faculty of Information Technology or by other Faculties. Students may choose to structure their program to specialise in one of these areas, or may choose to complete a broader range of topics in a variety of areas. The program selected will be constrained by the prerequisite requirements of the electives. Students should note also that the offering of elective units in any semester depends on sufficient minimum enrolments in the unit and the availability of staff. Full-time students should note that many electives may be offered in the evenings only.

**Computing Science/Software Engineering**

<table>
<thead>
<tr>
<th>Semester Offered</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN420 Comparative Programming Languages</td>
<td>2E</td>
<td>12</td>
</tr>
<tr>
<td>ITN421 Software Specification</td>
<td>2E</td>
<td>12</td>
</tr>
<tr>
<td>ITN430 Advanced Operating Systems</td>
<td>1E</td>
<td>12</td>
</tr>
<tr>
<td>ITN431 Distributed Systems</td>
<td>1E</td>
<td>12</td>
</tr>
<tr>
<td>ITN441 Artificial Intelligence</td>
<td>1E</td>
<td>12</td>
</tr>
<tr>
<td>ITN443 Neurocomputing</td>
<td>2E</td>
<td>12</td>
</tr>
<tr>
<td>ITN445 Pattern Recognition</td>
<td>1E</td>
<td>12</td>
</tr>
<tr>
<td>ITN450 Compiler Laboratory</td>
<td>2</td>
<td>12</td>
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**Data Communications**

<table>
<thead>
<tr>
<th>Semester Offered</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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</thead>
<tbody>
<tr>
<td>ITN530 Corporate Telecommunications</td>
<td>2E</td>
<td>12</td>
</tr>
<tr>
<td>ITN531 Network Security</td>
<td>2D</td>
<td>12</td>
</tr>
<tr>
<td>ITN535 Access Control</td>
<td>1D</td>
<td>12</td>
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<tr>
<td>ITN536 Security Topics</td>
<td>1E</td>
<td>12</td>
</tr>
<tr>
<td>ITN540 Advanced Network Technologies</td>
<td>1E</td>
<td>12</td>
</tr>
<tr>
<td>ITN554 Special Topic</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td>ITN556 Advanced Topics in Cryptology</td>
<td>2E</td>
<td>12</td>
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</tbody>
</table>

**Information Management**

<table>
<thead>
<tr>
<th>Semester Offered</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN340 Information Agencies</td>
<td>1E</td>
<td>12</td>
</tr>
<tr>
<td>ITN341 Information Policy and Planning</td>
<td>2E</td>
<td>12</td>
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</tbody>
</table>

**Information Systems**

<table>
<thead>
<tr>
<th>Semester Offered</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITN220 Major Issues in Information Systems</td>
<td>1E,2E</td>
<td>12</td>
</tr>
<tr>
<td>ITN221 Object-Oriented Analysis &amp; Design</td>
<td>1D,2E</td>
<td>12</td>
</tr>
<tr>
<td>ITN230 Current Advances in Database Technology</td>
<td>1D,2E</td>
<td>12</td>
</tr>
<tr>
<td>ITN231 Knowledge-based Systems</td>
<td>2E</td>
<td>12</td>
</tr>
<tr>
<td>ITN244 Special Topic</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td>ITN245 Special Topic</td>
<td>2</td>
<td>12</td>
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<tr>
<td>ITN250 Distributed Database Systems</td>
<td>2E</td>
<td>12</td>
</tr>
</tbody>
</table>

■ Bachelor of Information Technology (IT20)

**Location:** Gardens Point campus

**Course Duration:** 3 years full-time, 6 years part-time

**Total Credit Points:** 288

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Mr Michael Roggenkamp

For details of the course structure, please refer to the 1997 QUT Handbook. Information on unit available and unit equivalence can be found on the IT20 1999 Course Summary Sheet.

² Unit extends over two semesters.
Bachelor of Information Technology (IT21)

Location: Gardens Point campus
Course Duration: 3 years full-time, 6 years part-time
Total Credit Points: 288
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Mr Mike Roggenkamp

Professional Recognition
This degree meets the requirements for membership of the Australian Computer Society (ACS).
Graduates who complete the Library Studies stream in the Information Management Major are eligible to become Associates (professional members) of the Australian Library and Information Association (ALIA).

Course Structure
The course is divided into three blocks which are described below:

Block 1: Common First Year
All students undertake a Common First Year: the first year full-time or first two years part-time of the course. This block is worth 96 credit points.

Block 2: Major
At the end of the Common First Year, students choose a Major in either Computing Science, Data Communications, Information Management, or Information Systems. The Major is worth 144 credit points and extends over the second and third years of the course for full-time students, and the third to sixth years for part-time students.

Block 3: Electives
Students choose the composition of the third block of the course, which also extends over the later years of the course and is worth 48 credit points. The elective units consist of a cohesive set of units of approved study. STUDENTS ARE ENCOURAGED TO SELECT UNITS FROM OUTSIDE THE FACULTY.

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Block 1: Common First Year (96 credit points)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 2 and Year 3</td>
<td>Block 2: Major (144 credit points)</td>
</tr>
<tr>
<td></td>
<td>Block 3: Electives (48 credit points)</td>
</tr>
</tbody>
</table>

Cooperative Education Program
An optional one-year period of paid work experience is available to eligible full-time students at the end of the second year of full-time study. Students participating in this program enrol in ITB906 – Industrial Training Experience, a 12 credit point unit. The unit replaces the designated group project unit in the student’s chosen major. Part-time students may be able to seek credit for professional experience (ITB907).

Combined Majors Option
The option to undertake a integrated major in Computing Science and Data Communications is available. Students by the appropriate choice of Block 3 elective units, are able to complete the core of each of the two individual majors in Computing Science and Data Communications. Students may choose their project to be in either Computing Science or Data Communications, and have in addition two further electives which may be chosen from any degree level unit at the university.

Block 1: Common First Year
First Year Coordinator: Dr John Hynd

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITB105 Study of Information Technology</td>
<td>0</td>
<td>3 weeks</td>
</tr>
<tr>
<td>ITB106 Foundations of Computing</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
ITB225  Introduction to Databases 12 3
ITB410  Software Development 1 12 3
ITB412  Technology of Information Systems 12 3

Year 1, Semester 2
ITB411  Software Development 2 12 3
ITB107  Programming Laboratory 12 3
ITB310  Information Management 12 3
ITB510  Communications Networks 12 3

Part-Time Course Structure

Year 1, Semester 1
ITB105  Study of Information Technology 0 4 weeks
ITB310  Information Management 12 3
ITB410  Software Development 1 12 3

Year 1, Semester 2
ITB106  Foundations of Computing 12 3
ITB412  Technology of Information Systems 12 3

Year 2, Semester 1
ITB107  Programming Laboratory 12 3
ITB510  Communications Networks 12 3

Year 2, Semester 2
ITB225  Introduction to Databases 12 3
ITB411  Software Development 2 12 3

☐ Block 2: Majors

Majors are available in the following areas:
A: Computing Science (CSC)
B: Data Communications (DAT)
C: Information Management (IFM)
D: Information Systems (ISS)

The option of an integrated double major is available in the following areas:
E: Computing Science & Data Communications (CDC)

A: Computing Science Primary Major (CSC)

Major Coordinator: Dr Paul Roe

Full-Time Course Structure

Year 2, Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>COB010</td>
<td>Communications for the IT Specialist</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB420</td>
<td>Computer Architecture</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB421</td>
<td>Software Development 3 (UNIX &amp; C)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB537</td>
<td>Internet Applications</td>
<td>12</td>
<td>3</td>
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</table>

Year 2, Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
<tbody>
<tr>
<td>ITB424</td>
<td>Software Engineering Principles</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB426</td>
<td>Operating Systems</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB448</td>
<td>Object Technology</td>
<td>12</td>
<td>3</td>
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</table>

Year 3, Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tr>
<td>ITB432</td>
<td>Advanced Programming Laboratory&lt;sup&gt;3&lt;/sup&gt;</td>
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<tr>
<td>ITB433</td>
<td>Programming Languages</td>
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</table>

Specialisation Unit selected from List 1

Block 3 Unit

<sup>3</sup> The prerequisite for the major project module is the completion of 96 credit points including ITN100 Research Methodology.
Year 3, Semester 2
- Specialisation Unit selected from List 1 12 3
- IT Elective Unit 4 12 3
- Block 3 Unit 12 3
- Block 3 Unit 12 3

Part-Time Course Structure

Year 3, Semester 1
- ITB421 Software Development 3 (UNIX & C) 12 3
- ITB426 Operating Systems 12 3

Year 3, Semester 2
- COB010 Communications for the IT Specialist 12 3
- ITB420 Computer Architecture 12 3

Year 4, Semester 1
- ITB424 Software Engineering Principles 12 3
- ITB448 Object Technology 12 3

Year 4, Semester 2
- ITB537 Internet Applications 12 3
- IT Elective Unit 4 12 3

Year 5, Semester 1
- ITB432 Advanced Programming Laboratory 12 3
- Block 3 Unit 12 3

Year 5, Semester 2
- ITB433 Programming Languages 12 3
- Specialisation Unit selected from List 1 12 3

Year 6, Semester 1
- Specialisation Unit selected from List 1 12 3
- Block 3 Unit 12 3

Year 6, Semester 2
- Block 3 Unit 12 3
- Block 3 Unit 12 3

List 1: Specialisation Units
- Two units to be selected from one of the following specialisations:

Computing Systems
- ITB464 Modern Compiler Construction 12 3
- ITB465 Concurrent and Distributed Systems 12 3

Neurocomputing/Artificial Intelligence
- ITB442 Foundations of Artificial Intelligence 12 3
- ITB461 Foundations of Neurocomputing 12 3

Software Engineering
- ITB454 Software Quality Assurance 12 3
- ITB466 Component Technology 12 3

B: Data Communications Primary Major (DAT)

Major Coordinator: Mr Neville Richter

Full-Time Course Structure

Year 2, Semester 1
- COB010 Communications for the IT Specialist 12 3
- ITB421 Software Development 3 (UNIX & C) 12 3
- ITB537 Internet Applications 12 3
- MAB177 Mathematics for Data Communications 12 3

Note: To be selected from units available in the Bachelor of Information Technology, subject to the approval of the major coordinator.
### Year 2, Semester 2
- ITB538 Network Technology 12 3
- ITB535 Network Administration 12 3
- Specialisation Unit selected from List 2 12 3
- Block 3 Unit 12 3

### Year 3, Semester 1
- Specialisation Unit selected from List 2 12 3
- Specialisation Unit selected from List 2 12 3
- Block 3 Unit 12 3
- Block 3 Unit 12 3

### Year 3, Semester 2
- Specialisation Unit selected from List 2 12 3
- Specialisation Unit selected from List 2 12 3
- Specialisation Unit selected from List 2 12 3
- Block 3 Unit 12 3

### Part-Time Course Structure

#### Year 3, Semester 1
- ITB537 Internet Applications 12 3
- MAB177 Mathematics for Data Communications 12 3

#### Year 3, Semester 2
- COB010 Communications for the IT Specialist 12 3
- ITB421 Software Development 3 (UNIX & C) 12 3

#### Year 4, Semester 1
- ITB535 Network Administration 12 3
- ITB538 Network Technology 12 3

#### Year 4, Semester 2
- Specialisation Unit selected from List 2 12 3
- Block 3 Unit 12 3

#### Year 5, Semester 1
- Specialisation Unit selected from List 2 12 3
- Block 3 Unit 12 3

#### Year 5, Semester 2
- Specialisation Unit selected from List 2 12 3
- Block 3 Unit 12 3

#### Year 6, Semester 1
- Specialisation Unit selected from List 2 12 3
- Block 3 Unit 12 3

#### Year 6, Semester 2
- Specialisation Unit selected from List 2 12 3
- Specialisation Unit selected from List 2 12 3

### List 2: Specialisation Units
In addition to the mandatory units listed above, students undertaking the Data Communications Major are required to successfully complete the following:

- any four units included in List 2A, and
- any other two units listed in either List 2A or 2B.

#### List 2A
- ITB531 Application Services 12 3
- ITB532 Network Management 12 3
- ITB533 Comparative Network Systems 12 3
- ITB539 DC Project 12 3
- ITB541 Transmission Techniques 12 3
- ITB542 Network Programming 12 3
- ITB543 Data Security 12 3
- ITB548 Introduction to Cryptology 12 3
- ITB549 Error Control & Data Compression 12 3
- ITB550 Network Analysis 12 3
- ITB551 Network Planning 12 3
List 2B
ITB220  Database Design 12 3
ITB222  Systems Analysis & Design 12 3
ITB241  Information Systems Management 12 3
ITB426  Operating Systems 12 3
ITB448  Object Technology 12 3
ITB458  Java & Extensible Programming 12 3

C: Information Management Primary Major (IFM)

Major Coordinator: Mr Michael Middleton

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>COB010</td>
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<tr>
<td>ITB257</td>
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<td>ITB322</td>
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<td>3</td>
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<tr>
<td>ITB220</td>
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<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITB324</td>
<td>12</td>
<td>3</td>
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<tr>
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<tbody>
<tr>
<td>BSB115</td>
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<tr>
<td>ITB222</td>
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<td>ITB331</td>
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<table>
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<tr>
<td>ITB330</td>
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<tr>
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<tr>
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<td>Block 3 Unit</td>
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<table>
<thead>
<tr>
<th>Year 3, Semester 2</th>
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</thead>
<tbody>
<tr>
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Part-Time Course Structure

<table>
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<tbody>
<tr>
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<td>ITB222</td>
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<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>COB010</td>
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<td>ITB220</td>
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<tr>
<td>OR</td>
</tr>
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<td>ITB324</td>
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<table>
<thead>
<tr>
<th>Year 4, Semester 1</th>
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<tbody>
<tr>
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<table>
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<tr>
<th>Year 4, Semester 2</th>
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<tbody>
<tr>
<td>ITB257</td>
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<td>ITB322</td>
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<table>
<thead>
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<th>Year 5, Semester 1</th>
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<table>
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<tr>
<th>Year 5, Semester 2</th>
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<tbody>
<tr>
<td>ITB330</td>
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<tr>
<td>Specialisation Unit selected from List 3</td>
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</table>
**Year 6, Semester 1**

Specialisation Unit selected from List 3  
Block 3 Unit

**Year 6, Semester 2**

Specialisation Unit selected from List 3  
Block 3 Unit

List 3: Specialisation Units

Four units to be selected from one of the following specialisations:

**Business**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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</thead>
<tbody>
<tr>
<td>BSB114</td>
<td>Government, Business &amp; Society</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>BSB116</td>
<td>Marketing &amp; International Business</td>
<td>12</td>
</tr>
<tr>
<td>ITB341</td>
<td>Strategic Information Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB340</td>
<td>Project (Information Management)²</td>
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<tr>
<td>SSB937</td>
<td>Applied Cognitive Psychology</td>
<td>12</td>
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**Library**

<table>
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<th>Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB335</td>
<td>Digital Libraries</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB337</td>
<td>Information Organisation 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB338</td>
<td>Information Resource Provision</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB339</td>
<td>Professional Practice</td>
<td>12</td>
<td>-</td>
</tr>
</tbody>
</table>

**Science of Information**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB226</td>
<td>Information Theory</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>ITB238</td>
<td>Text Storage &amp; Retrieval</td>
<td>12</td>
</tr>
<tr>
<td>ITB335</td>
<td>Digital Libraries</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>MAB101</td>
<td>Statistical Data Analysis 1</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>ITB340</td>
<td>Project</td>
<td>12</td>
<td>-</td>
</tr>
</tbody>
</table>

**Information Systems**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB242</td>
<td>Management Support Systems</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB241</td>
<td>Information Technology Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Information Systems Elective</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB340</td>
<td>Project (Information Management)²</td>
<td>12</td>
<td>-</td>
</tr>
</tbody>
</table>

---

**D: Information Systems Primary Major (ISS)**

**Major Coordinator:** Mr Hamish Bentley

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>COB010</td>
<td>Communications for the IT Specialist</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB220</td>
<td>Database Design</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB221</td>
<td>3GL Systems</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB257</td>
<td>Multimedia Systems</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB222</td>
<td>Systems Analysis &amp; Design</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB226</td>
<td>Information Theory</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB232</td>
<td>Database Systems</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB242</td>
<td>Management Support Systems</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB223</td>
<td>4GL Systems</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB241</td>
<td>Information Technology Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Block 3 Unit</td>
<td></td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Block 3 Unit</td>
<td></td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

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² Information Management major students who complete the Cooperative Education Program will substitute ITB906 Industrial Training Experience for this unit.
### Part-Time Course Structure

#### Year 3, Semester 1
- ITB222 Systems Analysis & Design 12 3
- ITB226 Information Theory 12 3

#### Year 3, Semester 2
- COB010 Communications for the IT Specialist 12 3
- ITB220 Database Design 12 3

#### Year 4, Semester 1
- ITB232 Database Systems 12 3
- ITB242 Management Support Systems 12 3

#### Year 4, Semester 2
- ITB221 3GL Systems 12 3
- ITB257 Multimedia Systems 12 3

#### Year 5, Semester 1
- ITB236 Object-Oriented Systems 12 3

#### Year 5, Semester 2
- ITB223 4GL Systems 12 3
- ITB241 Information Technology Management 12 3

#### Year 6, Semester 1
- ITB240 Group Project 12 3

#### Year 6, Semester 2
- Block 3 Unit 12 3

---

### E: Combined Majors – Computing Science & Data Communications (CDC)

#### Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>2, Semester 1</td>
<td>COB010 Communications for the IT Specialist</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITB421 Software Development 3 (UNIX &amp; C)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITB537 Internet Applications</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MAB177 Mathematics for Data Communications</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>2, Semester 2</td>
<td>ITB420 Computer Architecture</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITB424 Software Engineering Principles</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITB535 Network Administration</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITB538 Network Technology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>3, Semester 1</td>
<td>ITB426 Operating Systems</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITB448 Object Technology</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Data Communications Unit selected from List 2</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Block 3 Unit</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>3, Semester 2</td>
<td>ITB433 Programming Languages</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Data Communications Unit selected from List 2</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

---

6 Information Systems major students who complete the Cooperative Education Program will substitute ITB906 Industrial Training Experience for this unit.

7 Refer to Data Communications Major for List 2 units.
Part-Time Course Structure

**Year 3, Semester 1**
- ITB537 Internet Applications
- MAB177 Mathematics for Data Communications

**Year 3, Semester 2**
- COB010 Communications for the IT Specialist
- ITB421 Software Development 3 (UNIX & C)

**Year 4, Semester 1**
- ITB535 Network Administration
- ITB448 Object Technology

**Year 4, Semester 2**
- ITB420 Communications for the IT Specialist
- ITB538 Network Technology

**Year 5, Semester 1**
- ITB426 Operating Systems
- ITB424 Software Engineering Principles

**Year 5, Semester 2**
- ITB433 Programming Languages

**Year 6, Semester 1**
- Data Communications Unit selected from List 2
- Block 3 Unit

**Year 6, Semester 2**
- ITB432 Advanced Programming Laboratory
  OR
  Data Communications Unit selected from List 2
  Block 3 Unit

☐ **Block 3: Electives**

In addition to the units listed above under the headings of the various majors and specialisations, the Faculty of Information Technology offers the following additional elective units. In selecting Block 3 Elective units, and subject to prerequisite constraints and the approval of the relevant Major Coordinator, students may choose (any combination of):

☐ units from the following list
☐ units from other BIT majors and specialisations i.e., other than their chosen specialisation(s) or major(s)
☐ units from any degree level course offered at QUT.

**NOTE:** STUDENTS ARE ENCOURAGED TO SELECT UNITS FROM OUTSIDE THE FACULTY.

Students should note that they need to check the timetable in order to identify which semester, or semesters, elective units are to be offered. Offering of electives is subject to sufficient enrolment.

**Computing Science Electives**

**Computer Systems**
- ITB441 Graphics
- ITB450 Advanced Computer Architecture
- ITB456 Graphic User Interfaces

---

7 Refer to Data Communications Major for List 2 units.
8 Computing Science major/Data Communications major students who complete the Cooperative Education Program will substitute ITB906 Industrial Training Experience for one of these units.
### Neurocomputing/AI
- **ITB463** Foundations of Pattern Recognition 12 3

### Software Engineering
- **ITB455** Integrated Software Engineering Environms 12 3
- **ITB458** Java & Extensible Programming 12 3
- **ITB468** Software Engineering Project 12 -

### Others
- **ITB444** Special Study 1 12 3
- **ITB445** Special Study 2 12 3
- **ITB447** Project 12 -

**Information Systems Electives**
- **ITB230** Project 12 -

### Database Strand
- **ITB244** Special Topic (Database) 12 3
- **ITB252** Distributed Databases 12 3
- **ITB253** Conceptual Modelling 12 3

### Enterprise Wide Systems Strand
- **ITB258** ABAP/4 Programming 12 3

### Science of Information Strand
- **ITB238** Text Storage & Retrieval 12 3
- **ITB243** Knowledge Based Systems 12 3
- **ITB245** Special Topic (SOI) 12 3

### Information Technology Management Strand
- **ITB240** Project 12 -
- **ITB255** Special Topic (ITM) 12 3
- **ITB454** Software Quality Assurance 12 3

### Multimedia Strand
- **ITB254** Principles of Human Computer Interaction 12 3
- **ITB256** Special Topic (Multimedia) 12 3
- **ITB259** Advanced Multimedia Technologies 12 3

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**Cooperative Education Program**

*(Elective Unit ITB906 – Industrial Training Experience)*

**Aims**
The purpose of the Cooperative Education Program is to provide students within the Bachelor of Information Technology experience of a real-world environment prior to the study of the more advanced aspects of the course. This experience:

(i) enables the student to place the concepts learned in the first two years in context, and
(ii) provides an experience that will enhance the benefits obtained from early study.

The Cooperative Education period necessarily involves reorientation and on-the-job training but students are expected to apply study skills to the acquisition of the necessary knowledge and, in general, employers are not expected to provide formal training.

**Selection Criteria**
The Cooperative Education program is available to full-time students enrolled in the fourth semester of the Bachelor of Information Technology degree (IT21), that is, who will have credit points in the range of 144-192 by the end of the year prior to the commencement of the program (the Cooperative Education program is also available to full-time students enrolled in the sixth semester of the Bachelor of Applied Science (Mathematics)/Bachelor of Information Technology (IF58, that is, who will have credit points in the range of 276-324). Students are eligible to participate in the program if they have passed all units at the first attempt, or have a GPA (Grade Point Average) of at least 4.5. Students entering the course with exemptions for prior studies must have been exempted from no more than 96 credit points.
Features
The Cooperative Education Program is offered under the guise of the 12 credit point unit ITB906 Industrial Training Experience and is substituted for the designated group project unit in the student’s chosen major. Industrial Training Experience has the following features:

- The Faculty assists students to obtain suitable employment for the ten month (minimum) period and also discusses the nature of the work to be undertaken with the employer. As employers choose their placements from interviews, the Faculty also arranges for students to attend sessions on resume writing and interview techniques conducted by the Careers & Employment Service.

- An academic member of staff normally visits the student once per semester and discusses progress with the student and a representative of the employer.

- During the training period the student writes two reports on the experience, submits them to the employer for endorsement and comment, and then hands them to the Manager -Student Services & Cooperative Education for assessment. The reports should highlight different aspects of the period, and include comments and recommendations.

- Students will be assessed as either satisfactory or unsatisfactory in this unit. A satisfactory grade will be granted on the basis of:
  
  (i) satisfactory completion of an approved period of cooperative education, and
  
  (ii) submission of satisfactory reports on the year’s experience. The reports must be submitted not later than the due dates specified in the study guides.

- A salary is paid to the student by the employer during this training period.

- The Faculty carefully monitors all cooperative education placements and keeps a list of employers prepared to offer training. The Faculty makes its best endeavour to find suitable training places for all students who meet the selection criteria and elect to undertake this option.

- It is intended that full-time students placed on the Program will devote their prime efforts to the Industrial Training Experience and will not, therefore, be permitted to register for more than one other unit per semester during that year.

Notes
(i) Where there has been significant evidence of plagiarism or computer misuse by a student at any time during the course, no placement will be available to that student.

(ii) Part-time students may be eligible for credit for professional experience, subject to certain conditions. Students should consult the relevant major coordinator or Manager-Student Services & Cooperative Education in the Faculty for further information.

- Bachelor of Information Technology (IT21) – Mid Year Intake

The following course structure is for students who commenced the Bachelor of Information Technology in Semester 2.

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITB105 Study of Information Technology</td>
<td>0</td>
<td>(3 weeks)</td>
</tr>
<tr>
<td>ITB225 Introduction to Databases</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB310 Information Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB410 Software Development 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>ITB510 Communications Networks</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

| **Year 2, Semester 1**     |               |               |
| ITB106 Foundations of Computing | 12 | 3 |
| ITB107 Programming Laboratory | 12 | 3 |
| ITB411 Software Development 2 | 12 | 3 |
| ITB412 Technology of Information Systems | 12 | 3 |
### Part-Time Course Structure

#### Year 1, Semester 2
- ITB105  Study of Information Technology  0  (4 weeks)
- ITB225  Introduction to Databases  12  3
- ITB410  Software Development 1  12  3

#### Year 2, Semester 1
- ITB107  Programming Laboratory  12  3
- ITB310  Information Management  12  3

#### Year 2, Semester 2
- ITB106  Foundations of Computing  12  3
- ITB412  Technology of Information Systems  12  3

#### Year 3, Semester 1
- ITB411  Software Development 2  12  3
- ITB510  Communications Networks  12  3
COURSES

- Doctor of Juridical Science (LW50) ............................................................................................. 601
- Master of Arts (Justice Studies) by Coursework (JS51) .............................................................. 605
- Master of Arts (Justice Studies) by Research and Thesis (JS52) .............................................. 606
- Master of Laws by Coursework (LW51) ...................................................................................... 607
- Master of Laws by Research and Thesis (LW52) ....................................................................... 611
- Graduate Certificate in Legal and Justice Studies (JS25) .......................................................... 614
- Graduate Certificate in Law (LW60) ........................................................................................... 615
- Graduate Diploma in Legal and Justice Studies (JS41) ............................................................. 618
- Graduate Diploma in Legal Practice (LP41) ................................................................................ 620
- Bar Practice Course .................................................................................................................. 622
- Bachelor of Laws (LW33) ......................................................................................................... 622
- Bachelor of Arts (Justice Studies)/Bachelor of Laws (LW41) .................................................... 628
- Bachelor of Arts (Justice Studies) (Honours) (JS40) ................................................................. 630
- Bachelor of Arts (Justice Studies) (JS31) .................................................................................. 631
- Bachelor of Arts (Justice Studies) (In-service) (JS33) .............................................................. 634
Doctor of Juridical Science (LW50)

Location: Gardens Point campus

Course Duration: Minimum of 2 1/2 years full-time, 5 years part-time

Total Credit Points: 288

Standard Credit Points/Full-Time Semester: 48 (Average)

Course Coordinator: Professor W.D. Duncan

Entry Requirements

On the recommendation of the Dean of the Faculty of Law, the Research Management Committee may admit to candidature for the degree an applicant who:

(i) holds or has completed the requirements for the degree of Bachelor of Laws at QUT or its equivalent from another institution which, in the opinion of the Dean, maintains standards comparable with those required for the award of the degree of Bachelor of Laws at QUT; or

(ii) is admitted to practice as a barrister or solicitor in Queensland or another state or territory of Australia or, who in the opinion of the Dean, is similarly qualified; or

(iii) holds or has completed the requirements for a degree of Master of Legal Practice at QUT, and, for all three (3) situations above,

(iv) has completed the requirements for the conferral of the Master of Laws of the Queensland University of Technology or its equivalent from another institution which, in the opinion of the Dean, maintains standards comparable with those required for the award of the degree of Master of Laws of the Queensland University of Technology; and

(v) has a minimum of two years' professional experience in a position of responsibility appropriate to the proposed course of study; and

(vi) is recommended by the Dean as being suitably qualified in the particular field of study in which the applicant proposes to be a candidate.

Course Structure

Students undertake 96 credit points of coursework units taken from those listed in the entry for LW51 Master of Laws by Coursework and complete a dissertation component.

Stage 1

96 credit points of coursework units taken from Schedule 1 in the entry for LW51 Master of Laws by Coursework. The unit LWN048 Advanced Legal Research must be undertaken by candidates in their coursework component. (Schedule 1 lists units available in 1999.)

Stage 2

Dissertation component (approximately 70 000 words).

Full-Time Course Structure

Year 1, Semesters 1 and 2

Units taken from Schedule 1 for any given year equal to 48 credit points per semester. (Whole year units are counted as 12 credit points per semester.)

Year 2, Semester 1

LWR003/1 and LWR003/2 Thesis (24 credit points each)

Year 2, Semester 2

LWR003/3 and LWR003/4 Thesis (24 credit points each)

Year 3, Semester 1

LWR003/5 and LWR003/6 Thesis (24 credit points each)
Year 3, Semester 2
LWR003/7 and LWR003/8 Thesis (24 credit points each)

Part-Time Course Structure

Year 1, Semester 1 and 2
Units taken from Schedule 1 for any given year equal to 24 credit points per semester. (Whole year units are counted as 12 credit points.)

Year 2, Semester 1 and 2
Units taken from Schedule 1 for any given year equal to 24 credit points per semester. (Whole year units are counted as 12 credit points.)

Year 3, Semesters 1 and 2
LWR003/1 and LWR003/2 Thesis (24 credit points each)

Year 4, Semesters 1 and 2
LWR003/3 and LWR003/4 Thesis (24 credit points each)

Year 5, Semesters 1 and 2
LWR003/5 and LWR003/6 Thesis (24 credit points each)

Year 6, Semesters 1 and 2
LWR003/7 and LWR003/8 Thesis (24 credit points each)

Students have the option of enrolling in the dissertation component of the degree during summer semester (subject to the availability of supervisory staff), which would reduce the number of years taken to complete the course.

1. Studies During the Candidature

1.1 A candidate is required to complete successfully a course of study which results in a notable contribution to professional knowledge and practice. This contribution may be in the form of new knowledge and practice, or of significant and original adaptation, application and interpretation of existing knowledge and practice.

1.2 The degree comprises both a coursework (approximately 33%) and a dissertation component (approximately 66%). Candidates either will have pursued or will pursue an approved course of advanced study and research, comprising 96 credit points of coursework whether by approved projects or in courses offered by QUT (including courses selected from within the subject offerings for the LLM degree by coursework at a grade point average of at least 5.0). The candidate will also pursue a dissertation in accordance with Rules 3 and 6. One of the units studied for the coursework requirements must be Advanced Legal Research, together with any other unit or units necessary to satisfy the coherence requirement in rule 1.3.

1.3 Candidates must successfully complete all coursework requirements at the appropriate standard prior to commencing the dissertation. As far as possible, the topic of the dissertation must extend the coursework component. Subject to Rule 3, the Teaching, Learning and Curriculum Committee will approve the course of study for the degree prior to commencement and will recommend for each candidate an Academic Supervisor who will normally be the Principal Supervisor for the candidate’s dissertation.

1.4 The Research Management Committee on the recommendation of the Dean of the Faculty of Law may approve a variation in a candidate’s course of study and research.

2. Credit for Previous Studies/ Transfer of Registration

The Research Management Committee on the recommendation of the Dean of the Faculty of Law may grant a candidate credit in the following circumstances:

2.1 Where a candidate has undertaken part of a proposed course of study as a registered student in another institution, and has undertaken coursework as part of a Master’s degree, that candidate, through application in writing to Research Management Committee at the time of applying for registration, may have credit granted towards the candidate’s course of study at QUT provided that the work for which a candidate seeks credit has been completed at a grade point average of at least 5.0 on a seven-point grading scale. The applicant must include details of the work already undertaken, the reasons for the transfer and the expected date of completion.

2.2 Subject to these rules (in particular rule 1.3), a candidate who has completed a Masters degree in Law may be granted credit of up to 96 credit points for units passed for that degree at a grade point average of at least 5.0 on a seven point scale.
2.3 The registration period for a doctoral degree in a professional field shall include such prior registration as may be approved by the Research Management Committee.

3. Dissertation Requirements

3.1 When a candidate successfully completes the coursework component of the degree, the Academic Supervisor shall so certify to the Research Management Committee. The dissertation may not be commenced until the Committee receives such certification.

3.2 The dissertation must be presented in accordance with the requirements of the relevant rules of QUT.

3.3 Subject to the above and subject to the requirements of Rule 1, the candidate shall submit a detailed proposal for a topic for the dissertation to the Teaching, Learning and Curriculum Committee at the time the candidate seeks approval for the candidate’s course of studies.

3.4 The topic for the dissertation must involve both an appropriate theoretical perspective and a specific orientation to professional practice and application.

3.5 Normally, two supervisors shall be appointed for each dissertation prepared by a candidate. One supervisor shall be the Principal Supervisor, with responsibility for supervising the preparation of the dissertation on a frequent basis. The Principal Supervisor shall be a member of the QUT Faculty of Law. Recommendations of suitable persons to be Principal Supervisor and Associate Supervisor for a dissertation shall be made by the Teaching, Learning and Curriculum Committee to the Dean and approved by the Research Management Committee.

3.6 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.

3.7 A candidate shall participate in such University scholarly activity, such as research seminars, as are deemed appropriate by the Principal Supervisor.

4. Progress Reports

4.1 A candidate shall prepare at the end of each semester during which the dissertation is being written a statement in the appropriate form of the work done towards the degree and submit it to the Principal Supervisor.

4.2 The Principal Supervisor shall within a fortnight of receiving the candidate’s statement of work prepare a report to be given to the candidate for comment. The candidate shall sign the report in acknowledgment of this and return it to the supervisor forthwith, together with any written comments the candidate may wish to make.

4.3 Both reports together with any accompanying comments by the candidate shall then be forwarded through the Teaching, Learning and Curriculum Committee and the Dean to the Research Management Committee.

4.4 Where, in the opinion of the Research Management Committee, a candidate has not made satisfactory progress towards completing the requirements for the degree, the Research Management Committee on the advice of the Dean shall call upon the candidate to show cause why the enrolment of the candidate 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. Confirmation of Candidature

5.1 At the end of the second semester only after commencement of the dissertation component of the course the candidate will have to seek confirmation of candidature in accordance with this Rule.

5.2 To seek confirmation of candidature the Supervisor shall submit a written report of the candidate’s progress together with a report from the candidate to the first Teaching, Learning and Curriculum Committee meeting held immediately after the end of the second semester of enrolment in the dissertation component of the degree.

5.3 The report of the Supervisor shall provide a written appraisal of:

- the candidate’s progress
- the candidate’s suitability for continuation in the SJD program
- the full course of study
likely budget requirements and funds available
☐ certification: signature of the Principal Supervisor and date.

The report of the candidate shall provide:

☐ a detailed account of:
  ☐ progress to date, including details of completed coursework and grades obtained
  ☐ problems encountered

☐ an indication of whether the thesis will be completed on time
☐ certification: signature of the candidate and date

5.4 If confirmation of candidature is not approved then the Teaching, Learning and Curriculum Committee shall decide whether or not to extend the period for confirmation, and, if so, by what time, or recommend cancellation of enrolment, as the case may be.

6. Time Limits
6.1 Subject to Rules 6.2 and 6.3, a candidate may proceed either on a full-time or part-time basis.

6.2 Subject to 6.3 and 6.5, except in special circumstances and with the approval of the Research Management Committee, all candidates shall complete a minimum of 36 months’ registration if a full-time student, or 72 months if a part-time student, or such other period as may be approved by the Research Management Committee.

6.3 Where the candidate is a holder of a Masters Degree in Law, the period of registration shall be not less than 30 months in the case of a full-time student and not less than 60 months in the case of a part-time student.

6.4 Except in special circumstances and with the approval of the Research Management Committee:
(i) A full-time candidate shall complete all the requirements for the degree not later than 54 months after first registration.
(ii) A part-time candidate shall complete all the requirements for the degree not later than 72 months after first registration.

6.5 Where a candidate has approval from the Teaching, Learning and Curriculum Committee to enrol in a dissertation component during a summer semester, the minimum time limit for registration may be reduced.

7. Examination of the Dissertation
7.1 The candidate shall present a dissertation of approximately 70,000 words which shall constitute a substantial and original contribution to knowledge and understanding in the area of the law that is the subject of the research, in satisfaction of Rule 1.1. The dissertation must include a statement of objectives of the investigation and must acknowledge the sources from which the information is derived, the extent to which the work of others has been used, and that the work is original and otherwise complies with the University’s requirements for presenting dissertations. Any substantial financial assistance received must also be acknowledged.

7.2 A candidate may not present as the dissertation any work which has been presented for another degree at QUT or any other institution.

7.3 Subject to agreement between supervisors and not later than three months before the proposed date for submission of the dissertation, the Principal Supervisor will recommend through the Teaching, Learning and Curriculum Committee to the Research Management Committee the composition of a proposed Examination Committee, together with the title of the candidate’s dissertation.

7.4 In order to determine whether a dissertation is acceptable for examination, a candidate may be examined orally by a Law Faculty panel of three persons appointed by the Dean. The Principal Supervisor shall be one of those three persons and shall chair the panel. All available members of the Examination Committee should attend the oral examination. The examination will be based on the work described in the dissertation and the field of study in which the investigation lies. The candidate will provide sufficient copies of the dissertation, bound in temporary cover, for the panel and the examiners.

7.5 The Faculty Panel will advise the Teaching, Learning and Curriculum Committee and the Research Management Committee whether the dissertation is acceptable for examination. If it does, the dissertation,
in the format required by QUT, must be presented to the Research Management Committee together with certification that the dissertation has been accepted by the Law Faculty. Receipt of the dissertation by the Research Management Committee constitutes submission of the candidate’s dissertation for examination. The candidate’s Principal Supervisor shall forward proposed arrangements for examination of the dissertation through the Teaching, Learning and Curriculum Committee to the Research Management Committee for approval.

7.6 A dissertation shall normally be examined by an Examination Committee comprising one examiner from the QUT Faculty of Law, who shall chair the Committee, and two external examiners. The external examiners must be independent of QUT. The Research Management Committee will provide the examiners with a copy of the dissertation and of all relevant requirements and information. Normally, examiners must read and report upon the dissertation within two months of its receipt.

7.7 When the examiners are in agreement with respect to the dissertation, the Chairperson shall transmit the result of the examination on the prescribed form to the Chairperson of the Research Management Committee. The examiners’ report shall recommend (i) that the dissertation be accepted, with or without minor modifications, or (ii) that the candidate be re-examined, or (iii) that the dissertation not be accepted and the candidature be terminated. When the recommendation is that the dissertation be accepted, the chairperson must return an Examiners’ Report together with a certificate signed by each examiner recommending acceptance of the dissertation towards fulfilment of the conditions for the award of the Doctor of Juridical Science degree.

8. Award of Degree

8.1 In order to qualify for the award of the Doctor of Juridical Science degree, a candidate must submit to the Research Management Committee:

(i) a declaration signed by the candidate that he or she has not been a candidate for another tertiary award during the period of candidature without the permission of the Research Management Committee, and

(ii) a certificate recommending acceptance of the dissertation towards fulfilment of the conditions for the Doctor of Juridical Science degree signed by each member of the Faculty Panel that recommended examination of the dissertation, and the Examination Committee which accepted it, together with three copies of the dissertation in the format required by the Queensland University of Technology, and

(iii) a certificate of satisfactory completion of the candidate’s approved course of study signed by the candidate’s Academic Supervisor, and

(iv) an application for conferral of the degree.

8.2 When the degree has been awarded, a copy of the dissertation incorporating any required amendments and revisions shall be lodged in the University and the Law Libraries.

Master of Arts (Justice Studies) by Coursework (JS51)

Location: Kelvin Grove campus
Course Duration: 1 year full-time, 2 years part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Gayre Christie

Entry Requirements
To be eligible to apply for admission an applicant should:

(i) hold a Bachelor of Arts (Justice Studies) degree (or a qualification deemed equivalent) and have an approved honours degree, or a graduate diploma in an appropriate field of study with a GPA of 5.00 or better, or approved professional experience deemed equivalent; or

(ii) hold an approved four-year undergraduate degree in an appropriate field.

Full-Time Course Structure

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>JSN001 Theories of Justice 1</td>
<td>12</td>
<td>2</td>
</tr>
<tr>
<td>JSN002 Theoretical Criminology</td>
<td>12</td>
<td>2</td>
</tr>
</tbody>
</table>
Master of Arts (Justice Studies) by Research and Thesis (JS52)

**Location:** Kelvin Grove campus

**Course Duration:** Minimum of 1 year full-time, 2 years part-time

**Total Credit Points:** 96

**Course Coordinator:** Dr Gayre Christie

**Entry Requirements**
To be eligible to apply for admission, an applicant should:

(i) hold a Bachelor of Arts (Justice Studies) (Honours) degree or a Graduate Diploma in Legal and Justice Studies degree; or

(ii) hold an approved Honours degree or appropriate postgraduate diploma; or

(iii) have substantial professional experience in the field in which the proposed research work is to be undertaken and deemed to be appropriate by the Course Coordinator; or

(iv) complete an appropriate Masters qualifying program as stipulated by the Course Coordinator on the recommendation of the Justice Studies Research and Ethics Committee. Pending satisfactory completion of a qualifying program, provisional status may be granted to the candidate; or

(v) submit professional publications or other appropriate evidence which satisfies the Course Coordinator, on the recommendation of the Justice Studies Research and Ethics Committee, that advanced knowledge and research ability has been acquired in an appropriate field which the proposed research work is to be undertaken.

**Thesis Requirements**
The thesis submitted for the degree should be not less than 50 000 words and should constitute a substantial contribution to knowledge and understanding in the areas of criminology, law enforcement, intelligence and security, corrections and the community and legal and justice policy.

**Course Structure**

**Semester 1**

**Full-Time students**

IFN100  Full-time Masters research

OR, in instances where a candidate has exceeded the normal course duration and an extension of time has been approved,

IFN101  Full-time Masters research (extension)
Part-Time students
IFN200 Part-time Masters research
or, in instances where a candidate has exceeded the normal course duration and an
extension of time has been approved,
IFN201 Part-time Masters research (extension)

■ Master of Laws by Coursework (LW51)

Location: Gardens Point campus
Course Duration: 1 year full-time, 3 years part-time
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Tuition Fees (Domestic Students): $75.00 per credit point
Course Coordinator: Professor W.D. Duncan

Entry Requirements
Applicants for admission shall have satisfied one of the following conditions:
(i) completed the requirements for the degree of Bachelor of Laws of QUT
(ii) completed the requirements for the award of a degree in law of another tertiary institution which, in
the opinion of the Dean, maintains standards comparable with those required for the award of the
degree of Bachelor of Laws of QUT
(iii) hold a professional qualification in law and at least three years of professional legal experience
subsequent to first admission to practice and also satisfy the Dean that they have the requisite ability to
complete the LLM by Coursework degree.

Articulation
This course articulates with the Doctor of Juridical Science (SJD).

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.

Full-Time Course Structure

Year 1, Semesters 1 and 2
Units taken from Schedule 1 for any given year equal to 48 credit points per semester. (Whole year units
are counted as 12 credit points per semester.)

Part-Time Course Structure

Year 1, Semesters 1 and 2
Units taken from Schedule 1 for any given year equal to a minimum of 12 credit points per semester.
(Whole year units are counted as 12 credit points per semester.)

Year 2, Semesters 1 and 2
Units taken from Schedule 1 for any given year equal to a minimum of 12 credit points per semester.
(Whole year units are counted as 12 credit points per semester.)

Year 3, Semesters 1 and 2
Units taken from Schedule 1 for any given year equal to a minimum of 24 credit points per semester.
(Whole year units are counted as 12 credit points per semester.) Where students undertake more than the
minimum course load in Years 1 and 2, they may undertake a minimum of 12 credit points per semester in
Year 3.

Generic Degree
Subject to availability, students may undertake any coursework units to the value of 96 credit points from
those listed in Schedule 1.
Course Majors

Students undertaking the Master of Laws (by Coursework) may elect to major in Environmental Resources Law, Commercial Law or Technology Law. Students electing to undertake one of these majors should select 96 credit points of coursework units from those listed for that major. Students shall have their course of study recognised by the addition of the appropriate words in parenthesis after the reference to the Master of Laws degree in their academic record and in their degree certificate.

Schedule 1: Accredited Coursework Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>LWN003</td>
<td>Advanced Family Law 1</td>
<td>24</td>
</tr>
<tr>
<td>LWN017</td>
<td>Restitution 1</td>
<td>12</td>
</tr>
<tr>
<td>LWN018</td>
<td>Contemporary Equitable Doctrines, Principles &amp; Remedies 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN021</td>
<td>Banking &amp; Finance Law 1</td>
<td>12</td>
</tr>
<tr>
<td>LWN022</td>
<td>Banking &amp; Finance Law 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN025</td>
<td>Research Project 1A 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN026</td>
<td>Research Project 2A 1, 2</td>
<td>24</td>
</tr>
<tr>
<td>LWN029</td>
<td>Theoretical Criminology 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN030</td>
<td>Dispute Resolution/Mediation 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN032</td>
<td>Credit for UQ Subject 1 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN033</td>
<td>Credit for UQ Subject 2 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN034</td>
<td>Credit for UQ Subject 3 1, 2</td>
<td>24</td>
</tr>
<tr>
<td>LWN035</td>
<td>Medico-legal Issues 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN036</td>
<td>Select Issues of Intellectual Property Law 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN039</td>
<td>Applied Criminology 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN040</td>
<td>Theories of Justice 1 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN040</td>
<td>Theories of Justice 2 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN043</td>
<td>Law of Company Takeovers 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN045</td>
<td>The Law Relating to Public &amp; Official Corruption</td>
<td>12</td>
</tr>
<tr>
<td>LWN046</td>
<td>Advanced Planning Law 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN047</td>
<td>Legal Education</td>
<td>12</td>
</tr>
<tr>
<td>LWN048</td>
<td>Advanced Legal Research 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN049</td>
<td>International Environmental Law 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN050</td>
<td>Restrictive Trade Practices Law 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN051</td>
<td>Consumer Protection &amp; Product Liability 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN052</td>
<td>Civil Procedure – Theory and Practice 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN053</td>
<td>Research Project 1B 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN054</td>
<td>Contemporary Commercial Legal Issues</td>
<td>12</td>
</tr>
<tr>
<td>LWN055</td>
<td>Civil Rights</td>
<td>12</td>
</tr>
<tr>
<td>LWN056</td>
<td>Research Project 1C 2</td>
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<tr>
<td>LWN057</td>
<td>Research Project 1D 2</td>
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<tr>
<td>LWN058</td>
<td>Research Project 2B 1, 2</td>
<td>24</td>
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<td>LWN059</td>
<td>Remedies</td>
<td>12</td>
</tr>
<tr>
<td>LWN060</td>
<td>Environmental Legal System 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN061</td>
<td>Natural Resources Law 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN062</td>
<td>Federal Environmental Law</td>
<td>12</td>
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<tr>
<td>LWN063</td>
<td>Comparative Environmental Law 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN064</td>
<td>Theories of Contemporary Legal Critiques 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN065</td>
<td>Construction &amp; Engineering Law 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN070</td>
<td>Credit for UQ Subject 4 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN071</td>
<td>Credit for UQ Subject 5 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN072</td>
<td>Credit for UQ Subject 6 1, 2</td>
<td>24</td>
</tr>
<tr>
<td>LWN075</td>
<td>International Commercial Transactions 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN076</td>
<td>International Commercial Disputes 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN077</td>
<td>Litigation – Evidence 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN078</td>
<td>Advanced Criminal Evidence &amp; Procedure 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN079</td>
<td>Joint Ventures</td>
<td>12</td>
</tr>
<tr>
<td>LWN080</td>
<td>Select Issues in the Law of Obligations</td>
<td>12</td>
</tr>
<tr>
<td>LWN081</td>
<td>Restitution 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN082</td>
<td>Intellectual Property: Litigation 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN083</td>
<td>Estate Planning 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN084</td>
<td>International Marine Pollution Law 2</td>
<td>12</td>
</tr>
<tr>
<td>LWN085</td>
<td>International Law of the Sea 2</td>
<td>12</td>
</tr>
</tbody>
</table>

1 Unit extends over two semesters.

2 It is intended that these units will be offered in 1999 subject to demand and availability of staff.
LWN086 Select Issues in Practising Law 12
LWN087 Contemporary Issues in Torts 12
LWN088 Government Law, Policy & Practice 12
LWN089 Current Legal Problems Affecting Sports 12
LWN090 Corporate Taxation 12
LWN091 Taxation of Non-Corporate Entities 12
LWN092 Australian Immigration & Citizenship Law 12
LWN093 Security for Commercial Lending 12
LWN094 Energy Law 12
LWN095 Native Title Law, Policy & Practice 12
LWN096 Capital Markets Law 12
LWN097 Corporate Insolvency 12
LWN098 Select Issues in Maritime Law 12
LWN099 Intellectual Property Law 12
LWN100 Contemporary Issues in Australian Constitutional Law 12
LWN101 Administrative Law & Government Commercial Activity 12
LWN102 Administrative Framework for Corporations 12
LWN103 Law of Guarantees 12
LWN104 Select Issues in Private International Law 12
LWN105 Human Rights in Australian Law 12
LWN106 Liquor Licensing Law and Practice 12
LWN107 Legal Regulation of the Internet 12
LWN108 Australian Income Tax Systems 12
LWN109 Employment Law 12
LWN110 Select Issues in Media Law and Policy 12
LWN111 Advanced Legal Drafting 12
LWN112 Commercial Leases 12
LWN113 Corporate Governance: Director’s Duties, Members’ Rights and Compliance 12
LWN114 Contemporary Family Issues 12
LWN115 Electronic Commerce Law 12
LWN116 The Law of Costs 12
LWN117 Advanced Insurance Law 12
LWN118 Advanced Insurance Law 2 12

Major in Environmental Resources Law – LLM (Environmental Resources Law)
Students undertake 96 credit points selected from the following units:
LWN046 Advanced Planning Law 12
LWN048 Advanced Legal Research 12
LWN049 International Environmental Law 12
LWN060 Environmental Legal System 12
LWN061 Natural Resources Law 12
LWN062 Federal Environmental Law 12
LWN063 Comparative Environmental Law 12
LWN065 Construction & Engineering Law 12
LWN079 Joint Ventures 12
LWN084 International Marine Pollution Law 12
LWN085 International Law of the Sea 12
LWN094 Energy Law 12
LWN095 Native Title Law, Policy & Practice 12

Up to 48 credit points may be taken in the form of research projects.

Major in Commercial Law – LLM (Commercial Law)
Students undertake 96 credit points selected from the following units:
LWN021 Banking & Finance Law 1 12
LWN022 Banking & Finance Law 2 12
LWN043 Law of Company Takeovers 12
LWN048 Advanced Legal Research 12
LWN050 Restrictive Trade Practices Law 12
LWN051 Consumer Protection & Product Liability 12

2 It is intended that these units will be offered in 1999 subject to demand and availability of staff.
3 Subject to University approval.
LWN054  Contemporary Commercial Legal Issues 12
LWN075  International Commercial Transactions 12
LWN076  International Commercial Disputes 12
LWN079  Joint Ventures 12
LWN090  Corporate Taxation 12
LWN091  Taxation of Non-Corporate Entities 12
LWN093  Security for Commercial Lending 12
LWN096  Capital Markets Law 12
LWN097  Corporate Insolvency 12
LWN112  Administrative Framework for Corporations 12
LWN113  Law of Guarantees 12
LWN122  Commercial Leases 12
LWN127  Advanced Insurance Law 12
LWN128  Advanced Insurance Law 12
LWN125  Electronic Commerce Law 12

Up to 48 credit points may be taken in the form of research projects.

Major in Technology Law – LLM (Technology Law) 3

Students undertake 96 credit points selected from the following units:

LWN036  Select Issues of Intellectual Property Law 12
LWN048  Advanced Legal Research 12
LWN082  Intellectual Property: Litigation 12
LWN099  Intellectual Property Law 12
LWN117  Legal Regulation of the Internet 12
LWN120  Select Issues in Media Law & Policy 12
LWN125  Electronic Commerce Law 12

Up to 48 credit points may be taken in the form of research projects.

Units Offered by Other Faculties or Schools

With the approval of the Assistant Dean (Postgraduate Programs) a candidate may undertake units from other QUT Faculties or Schools which are deemed to be coherently related to the Master’s program. Normally no more than 24 credit points may be attempted in this way, however, in exceptional circumstances the Assistant Dean (Postgraduate Programs) may approve a candidate attempting 36 credit points in this way provided such units are part of a coherent course of study.

Units which may be undertaken in accordance with this rule include, but are not limited to:

AYN405  Advanced Tax Planning
AYN406  Capital Gains Tax
AYN421  Indirect Taxation
(from Master of Commerce, Faculty of Business) (See special note below in relation to further tax unit offerings of the Consortium of Australian Tax Schools.)

MJP102  Media Policy Environment
MJP105  Theories in Journalism
(from Master of Arts, School of Media & Journalism, Faculty of Arts)

ITN220  Major Issues in Information Systems
ITN340  Information Agencies
ITN341  Information Policy & Planning
(from Master of Information Technology, Faculty of Information Technology)

JSN004  Issues in Criminal Justice
JSN012  The Law, Morality and the Media
(from Master of Arts (Justice Studies), Faculty of Law)

Students should contact the appropriate Faculty or School for further details on these unit offerings.

In addition, the Assistant Dean (Postgraduate Programs) may grant credit of not more than 48 credit points for units completed in an equivalent course at another tertiary institution.

Units offered by the Consortium of Australian Tax Schools have been deemed equivalent in accordance with this rule. It is envisaged that the following intensive units will be offered by the Consortium in Brisbane in 1999:

2  It is intended that these units will be offered in 1999 subject to demand and availability of staff.
3  Subject to University approval.
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. A coursework student who has obtained 96 credit points and who has a grade point average of better than 5.5 and less than 6.0 for all units attempted shall, with the prior approval of the Assistant Dean (Postgraduate Programs), be eligible to enrol for an Honours Dissertation. (Note: Honours is determined by the overall grade point average for the Dissertation and coursework. It is possible that if the student’s overall grade point average is below 6.0, Honours will not be awarded for the degree. Careful consideration should be given to the course rules in relation to the awarding of Honours when enrolling in this 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,
and, in any event, shall recommend that the dissertation be awarded a grade of fail or one of the pass grades.

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.

Master of Laws by Research and Thesis (LW52)

Location: Gardens Point campus
Course Duration: 1 year full-time, 2 years part-time
Total Credit Points: 96
Course Coordinator: Professor W.D. Duncan
1. Rules for the Master of Laws Degree by Research and Thesis

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.

2. Master of Laws Degree by Research and Thesis

2.1 The Master of Laws (LLM) degree by Research and Thesis may be awarded as:

2.1.1 Master of Laws, or
2.1.2 Master of Laws with First Class Honours, or
2.1.3 Master of Laws with Second Class Honours.

3. Entry Requirements

The following persons shall be eligible to apply for admission as a student for the degree:

3.1 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 Dean of the Faculty of Law, maintains standards comparable with those required for the award of the degree of Bachelor of Laws of QUT, or

3.1.1 A person who has completed the requirements for the degree of Bachelor of Laws of 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 Dean, maintains standards comparable with those required for the award of the degree of Bachelor of Laws of QUT, or

3.1.2 A person admitted or entitled to be admitted to practice in the State of Queensland.

3.2 Candidates falling within sub-clauses 3.1.1 and 3.1.2 must also satisfy the following to be eligible for admission:

3.2.1 Three years’ professional experience in the field in which the proposed research work is to be undertaken, or
3.2.2 Satisfactory completion of an appropriate Masters qualifying program stipulated by the Assistant Dean (Postgraduate Programs) on the recommendation of the Teaching, Learning and Curriculum Committee. Pending satisfactory completion of a qualifying program, provisional status may be granted to the candidate, or
3.2.3 The submission of professional publications or other appropriate evidence which satisfies the Assistant Dean (Postgraduate Programs) on the recommendation of the Teaching, Learning and Curriculum 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
3.2.4 The Dean of the Faculty of Law is satisfied of the ability of the candidate to complete the required research and thesis towards the degree.

4. Admission and Enrolment

4.1 A person applying for admission shall do so through the Registrar to the Dean.

4.2 Admission of a person as a candidate for the degree shall be at the discretion of the Dean on the recommendation of the Teaching, Learning and Curriculum Committee.

4.3 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.

4.4 A person admitted as a candidate may enrol as either an internal full-time student or an internal part-time student.

5. Progress Reports

5.1 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 the appointed supervisor.

4 For continuing students only. Students who commence the degree after September 1996 will not be eligible to have the degree awarded with Honours.
5.2 The supervisor shall prepare a report on the work done by the candidate during that semester and the report shall be given to the candidate for comment, and the candidate shall sign the report in acknowledgment of this and return it to the supervisor.

5.3 Both reports together with any accompanying comments by the candidate shall then be forwarded through the Teaching, Learning and Curriculum Committee and the Dean to the University’s Research Management Committee within four weeks following the end of that semester.

5.4 Where, in the opinion of the Research Management Committee, a candidate has not made satisfactory progress towards completing the requirements for the degree, the Research Management Committee on the advice of the Dean shall call upon the candidate to show cause why the enrolment of the candidate should not be terminated for lack of satisfactory progress.

5.5 Upon failure of the candidate to show cause the candidate’s enrolment will be terminated.

6. Thesis Requirements

6.1 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.

6.2 The candidate shall submit a detailed proposal for a topic for the thesis to the Dean not later than the end of February or August, as the case may be, in the year in which the candidate is enrolled.

6.3 The Teaching, Learning and Curriculum Committee may, upon the recommendation of the Dean, vary the title of the thesis topic.

6.4 A candidate enrolled for the degree shall, at least once per semester during the period of candidature, consult with the supervisor and, where appropriate, any co-supervisor appointed by the Law Academic Board on the advice of the Dean.

6.5 A candidate shall submit four copies of the thesis in the form prescribed by the University for the submission of theses to the Dean 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.

6.6 The Teaching, Learning and Curriculum Committee shall refer the thesis to two examiners, at least one of whom must be external to the University. 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 supervisor, and
(iv) if accepted, whether the degree be awarded with First Class Honours, Second Class Honours or as a Pass degree. 4

6.7 The Teaching, Learning and Curriculum Committee shall forward the examiners’ reports to the Law Academic Board together with its recommendation.

6.8 The Law Academic Board shall thereafter refer the examiners’ reports to the Research Management Committee with its recommendations.

6.9 Following final acceptance of the thesis, two copies shall be bound in the prescribed form at the candidate’s expense and one copy submitted to the QUT Faculty of Law Library and the other copy submitted to the Queensland University of Technology Library and shall otherwise be treated in accordance with University policy. Any corrections resulting from the examiners’ assessment shall be made prior to binding, and by retyping if they would otherwise be obtrusive.

4 For continuing students only. Students who commence the degree after September 1996 will not be eligible to have the degree awarded with Honours.
7. Credit for Research Work Done Elsewhere
7.1 The Dean, on the advice of the Assistant Dean (Postgraduate Programs), may grant credit toward the Master of Laws degree by Research and Thesis for work done at another institution of similar standing. Such credit shall not be granted unless the candidate provides to the Dean:

(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.

8. Time for Completion Requirements
8.1 Except in special circumstances and with the approval of the Assistant Dean (Postgraduate Programs):

(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.

8.2 The Dean may, upon the application of the candidate and on the advice of the Assistant Dean (Postgraduate Programs) extend any time limited by the rules by such further period as may be consistent with general University rules.

9. Award of Degree
9.1 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 at the grade which the Academic Board on the recommendation of the Law Academic Board and Research Management Committee recommends for the award.

Graduate Certificate in Legal and Justice Studies (JS25)

Location: Kelvin Grove and Gardens Point campuses

Course Duration:

Kelvin Grove: 1 year part-time and 1 year external
Gardens Point: 1 semester full-time, 1 year part-time

Total Credit Points: 48

Standard Credit Points/Part-Time Semester: 24

Tuition fees (Domestic Students): $75.00 per credit point

Course Coordinator:

Justice Studies: Dr Gayre Christie
Law: Associate Professor Phillip Tahmindjis

Entry Requirements

Applicants for admission must satisfy one of the following conditions:

(i) hold an appropriate undergraduate degree from a recognised tertiary institution; or
(ii) have extensive professional experience as deemed appropriate by the Course Coordinator

Applicants who do not meet the requirements for normal entry as described above should provide documentary evidence of experience together with the standard application form.

Applicants may be interviewed prior to an offer being made.

Course Structure - Kelvin Grove

The Graduate Certificate in Legal and Justice Studies consists of four units of 12 credit points each. A different combination of units is specified for each certificate. This course articulates with the Master of Arts (Justice Studies) by Coursework.

<table>
<thead>
<tr>
<th>STRATEGIC INTELLIGENCE STUDIES</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JSP061 Intelligence Process, Theory and Application</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>JSP063 Intelligence Research – Issues, Procedures and Practice</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>
**Year 1, Semester 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JSP065</td>
<td>Intelligence and National Security</td>
<td>12</td>
</tr>
<tr>
<td>JSP067</td>
<td>Intelligence, Organisations, Personnel and Operations</td>
<td>12</td>
</tr>
</tbody>
</table>

**INTELLIGENCE AND SECURITY**

Part-Time and External Course Structure

**Year 1, Semester 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JSP061</td>
<td>Intelligence Process, Theory and Application</td>
<td>12</td>
</tr>
<tr>
<td>JSP066</td>
<td>Management of Protective Security</td>
<td>12</td>
</tr>
</tbody>
</table>

**Year 1, Semester 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JSP062</td>
<td>Protective Security – Theory and Application</td>
<td>12</td>
</tr>
<tr>
<td>JSP065</td>
<td>Intelligence and National Security</td>
<td>12</td>
</tr>
</tbody>
</table>

**EXECUTIVE POLICING**

Intensive Mode Course Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JSP056</td>
<td>Policing for the 21st Century</td>
<td>12</td>
</tr>
<tr>
<td>JSP057</td>
<td>Strategic Leadership for Executive Policing</td>
<td>12</td>
</tr>
<tr>
<td>JSP058</td>
<td>Organisational Practices for Executive Policing</td>
<td>12</td>
</tr>
<tr>
<td>JSP059</td>
<td>Command Management for the Police Executive</td>
<td>12</td>
</tr>
</tbody>
</table>

Course Structure – Gardens Point

- **Law for Non-Lawyers (subject to approval by University Academic Board)**

Any combination of units from LW33 totalling 48 credit points considered by the Associate Dean to be a coherent body of study. Units are only offered in the internal mode for this major.

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**Graduate Certificate in Law (LW60)**

**Location:** Gardens Point campus  
**Course Duration:** 2 semesters part-time  
**Total Credit Points:** 48  
**Standard Credit Points/Part-Time Semester:** 24  
**Tuition Fees (Domestic Students):** $75.00 per credit point  
**Course Coordinator:** Professor W.D. Duncan

**Entry Requirements**

Any of the following persons shall be eligible to apply for admission as a student for the Graduate Certificate in Law:

(i) A person who has completed the requirements for the degree of Bachelor of Laws of the Queensland University of Technology;

(ii) A person who has completed the requirements for the award of a degree in law of another tertiary institution which, in the opinion of the Assistant Dean (Postgraduate Programs), maintains standards comparable with those required for the award of the degree of Bachelor of Laws of the Queensland University of Technology;

(iii) A person who has a professional qualification in law and at least three years of professional legal experience subsequent to that person’s first admission to practice and who satisfies the Assistant Dean (Postgraduate Programs) that that person has the requisite ability to complete the Graduate Certificate in Law.

(iv) A person who has a bachelor’s degree in another discipline and professional experience which in the opinion of the Assistant Dean (Postgraduate Programs) equips the person for postgraduate study in law in the field of the Graduate Certificate in Law in which the person wishes to enrol.

Where a person applies for admission pursuant to rule (iii) the Assistant Dean (Postgraduate Programs) may take into account, inter alia, any of the following matters: the applicant’s contributions to the study and teaching of law, legal publications, contribution to the legal profession and legal professional experience.

**Articulation**

This course articulates with the Master of Laws (by Coursework), however, applicants for the Master of Laws (by Coursework) must meet normal entry requirements.
Course Structure
The Graduate Certificate in Law requires successful completion of 48 credit points of coursework units taken from those listed in the entry for LW51 Master of Laws by Coursework. Students undertake units equal to 24 credit points per semester (whole year units are counted as 12 credit points per semester). The units from which 48 credit points shall be chosen are subject to availability.

Generic Course
Subject to availability, students may undertake any coursework units to the value of 48 credit points from those listed in Schedule 1 in the entry for LW51 Master of Laws by Coursework.

Course Majors
Students undertaking the Graduate Certificate in Law may elect to major in: International Law, Environment, Commercial Transactions, Planning and Resources, Litigation, Property, Public Law, Taxation, General Practice, Media and Communications Law or Corporate Law. Students electing to undertake one of these majors should select 48 credit points of coursework units from those listed for that major. Students shall have their course of study recognised by the addition of the appropriate words in parenthesis after the reference to the Graduate Certificate in Law program on their academic record and in their degree certificate.

It is intended that those units marked with a ‘+’ will be offered in 1999 (subject to demand and availability of staff).

Credit Points

INTERNATIONAL LAW
Students undertake 48 credit points selected from the following units:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>LWN025</td>
<td>Research Project 1A+</td>
<td>12</td>
</tr>
<tr>
<td>LWN048</td>
<td>Advanced Legal Research+</td>
<td>12</td>
</tr>
<tr>
<td>LWN049</td>
<td>International Environmental Law+</td>
<td>12</td>
</tr>
<tr>
<td>LWN075</td>
<td>International Commercial Transactions+</td>
<td>12</td>
</tr>
<tr>
<td>LWN076</td>
<td>International Commercial Disputes+</td>
<td>12</td>
</tr>
<tr>
<td>LWN084</td>
<td>International Marine Pollution Law+</td>
<td>12</td>
</tr>
<tr>
<td>LWN085</td>
<td>International Law of the Sea+</td>
<td>12</td>
</tr>
<tr>
<td>LWN114</td>
<td>Select Issues in Private International Law</td>
<td>12</td>
</tr>
<tr>
<td>LWN115</td>
<td>Human Rights in Australian Law+</td>
<td>12</td>
</tr>
</tbody>
</table>

These units may be taken in any order.

ENVIRONMENT
Students undertake 48 credit points selected from the following units:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>LWN025</td>
<td>Research Project 1A+</td>
<td>12</td>
</tr>
<tr>
<td>LWN048</td>
<td>Advanced Legal Research+</td>
<td>12</td>
</tr>
<tr>
<td>LWN049</td>
<td>International Environmental Law+</td>
<td>12</td>
</tr>
<tr>
<td>LWN060</td>
<td>Environmental Legal System+</td>
<td>12</td>
</tr>
<tr>
<td>LWN061</td>
<td>Natural Resources Law+</td>
<td>12</td>
</tr>
<tr>
<td>LWN062</td>
<td>Federal Environmental Law</td>
<td>12</td>
</tr>
<tr>
<td>LWN063</td>
<td>Comparative Environmental Law+</td>
<td>12</td>
</tr>
<tr>
<td>LWN084</td>
<td>International Marine Pollution Law+</td>
<td>12</td>
</tr>
</tbody>
</table>

These units may be taken in any order. However, it is recommended that LWN061 Natural Resources Law be taken first.

COMMERCIAL TRANSACTIONS
Students undertake 48 credit points selected from the following units:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>LWN025</td>
<td>Research Project 1A+</td>
<td>12</td>
</tr>
<tr>
<td>LWN043</td>
<td>Law of Company Takeovers+</td>
<td>12</td>
</tr>
<tr>
<td>LWN048</td>
<td>Advanced Legal Research+</td>
<td>12</td>
</tr>
<tr>
<td>LWN050</td>
<td>Restrictive Trade Practices+</td>
<td>12</td>
</tr>
<tr>
<td>LWN051</td>
<td>Consumer Protection &amp; Product Liability+</td>
<td>12</td>
</tr>
<tr>
<td>LWN054</td>
<td>Contemporary Commercial Legal Issues</td>
<td>12</td>
</tr>
<tr>
<td>LWN075</td>
<td>International Commercial Transactions</td>
<td>12</td>
</tr>
<tr>
<td>LWN076</td>
<td>International Commercial Disputes+</td>
<td>12</td>
</tr>
<tr>
<td>LWN079</td>
<td>Joint Ventures</td>
<td>12</td>
</tr>
<tr>
<td>LWN096</td>
<td>Capital Markets Law+</td>
<td>12</td>
</tr>
<tr>
<td>LWN097</td>
<td>Corporate Insolvency+</td>
<td>12</td>
</tr>
</tbody>
</table>
LWN112 Administrative Framework for Corporations 12
LWN113 Law of Guarantees+ 12
LWN122 Commercial Leases+ 3 12
LWN127 Advanced Insurance Law 1+ 3 12
LWN128 Advanced Insurance Law 2+ 3 12

These units may be taken in any order.

PLANNING AND RESOURCES
Students undertake 48 credit points selected from the following units:
LWN025 Research Project 1A+ 12
LWN046 Advanced Planning Law+ 12
LWN048 Advanced Legal Research+ 12
LWN060 Environmental Legal System+ 12
LWN061 Natural Resources Law+ 12
LWN065 Construction & Engineering Law+ 12
LWN079 Joint Ventures 12

These units may be taken in any order. However, it is recommended that LWN061 Natural Resources Law be taken first.

LITIGATION
Students undertake 48 credit points selected from the following units:
LWN025 Research Project 1A+ 12
LWN030 Dispute Resolution/Mediation+ 12
LWN048 Advanced Legal Research+ 12
LWN052 Civil Procedure – Theory & Practice+ 12
LWN077 Litigation – Evidence+ 12
LWN078 Advanced Criminal Evidence & Procedure+ 12
LWN082 Intellectual Property: Litigation+ 12

These units may be taken in any order.

PROPERTY
Students undertake 48 credit points selected from the following units:
LWN018 Contemporary Equitable Doctrines, Principles & Remedies+ 12
LWN025 Research Project 1A+ 12
LWN036 Select Issues of Intellectual Property Law+ 12
LWN043 Law of Company Takeovers+ 12
LWN048 Advanced Legal Research+ 12
LWN061 Natural Resources Law+ 12
LWN083 Estate Planning+ 12
LWN095 Native Title Law, Policy, & Practice+ 12
LWN099 Intellectual Property Law+ 12
LWN122 Commercial Leases+ 3 12

These units may be taken in any order.

PUBLIC LAW
Students undertake 48 credit points selected from the following units:
LWN025 Research Project 1A+ 12
LWN048 Advanced Legal Research+ 12
LWN088 Government Law, Policy, and Practice+ 12
LWN092 Australian Immigration & Citizenship Law+ 12
LWN095 Native Title, Law, Policy & Practice+ 12
LWN110 Contemporary Issues in Australian Constitutional Law 12
LWN111 Administrative Law & Government Commercial Activity+ 12
LWN115 Human Rights in Australian Law+ 12

These units may be taken in any order.

TAXATION
Students undertake 48 credit points selected from the following units:
LWN025 Research Project 1A+ 12
LWN048 Advanced Legal Research+ 12

3 Subject to University approval.
Students may undertake approved units from the Consortium of Australian Tax Schools for credit towards the Graduate Certificate in Law (Taxation). Refer to the Faculty of Law for further information on Consortium unit offerings. These units may be taken in any order.

GENERAL PRACTICE

Students undertake 48 credit points selected from the following units:

LWN025  Research Project 1A+  12
LWN030  Dispute Resolution/Mediation+  12
LWN048  Advanced Legal Research+  12
LWN052  Civil Procedure – Theory and Practice+  12
LWN051  Consumer Protection & Product Liability+  12
LWN087  Contemporary Issues in Torts+  12
LWN119  Employment Law+  12

These units may be taken in any order.

MEDIA & COMMUNICATIONS LAW

Students undertake 48 credit points selected from the following units:

LWN025  Research Project 1A+  12
LWN048  Advanced Legal Research+  12
LWN117  Legal Regulation of the Internet+  12
LWN120  Select Issues in Media Law & Policy +  12
LWN125  Electronic Commerce Law+  3
JSN012  The Law Morality and the Media+  12

These units may be taken in any order.

CORPORATE LAW

Students undertake 48 credit points selected from the following units:

LWN025  Research Project 1A+  12
LWN043  Law of Company Takeovers+  12
LWN048  Advanced Legal Research+  12
LWN096  Capital Markets Law+  12
LWN097  Corporate Insolvency+  12
LWN112  Administrative Framework for Corporations  12
LWN123  Corporate Governance: Directors’ Duties, Members’ Rights & Compliance+  12

These units may be taken in any order.

Graduate Diploma in Legal and Justice Studies (JS41)

In the fields of: Criminology, Law Enforcement, Intelligence & Security, Corrections and the Community and Legal & Justice Policy.

Location: Kelvin Grove campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr Gayre Christie

Entry Requirements

To be eligible to apply for admission an applicant should:

(i)  hold an appropriate undergraduate degree from a recognised tertiary institution; or

3 Subject to University approval.
have extensive professional experience as deemed appropriate by the Course Coordinator. Such applicants should provide documentary evidence of experience together with the standard application form. Those applicants may be interviewed prior to an offer being made.

<table>
<thead>
<tr>
<th>Full-Time Course Structure</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JSP001 Law &amp; Government 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>JSP002 Principles of Criminal Law 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>plus: Professional Minor Unit 1*</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>plus: Professional Minor Unit 2*</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

| Year 1, Semester 2         |               |                |
| JSP003 Law & Government 2  | 12            | 3              |
| JSP004 Principles of Criminal Law 2 | 12 | 3 |
| plus: Professional Minor Unit 3* | 12 | 3 |
| plus: Professional Minor Unit 4* | 12 | 3 |

<table>
<thead>
<tr>
<th>Part-Time Course Structure</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JSP001 Law &amp; Government 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>JSP002 Principles of Criminal Law 1</td>
<td>12</td>
<td>3</td>
</tr>
</tbody>
</table>

| Year 1, Semester 2         |               |                |
| JSP003 Law & Government 2  | 12            | 3              |
| JSP004 Principles of Criminal Law 2 | 12 | 3 |

| Year 2, Semester 1         |               |                |
| Professional Minor Unit 1* | 12            | 3              |
| plus: Professional Minor Unit 2* | 12 | 3 |

| Year 2, Semester 2         |               |                |
| Professional Minor Unit 3* | 12            | 3              |
| plus: Professional Minor Unit 4* | 12 | 3 |

* Select Professional Minor (48 credit points) from ONE of the following areas:

**Criminology**
- JSP041 Juvenile Justice 12 3
- JSP042 Crime & the Workplace 12 3
- JSP044 Responding to Crime 12 3
- JSP091 Research Design & Methodology 12 3

**Law Enforcement**
- JSP051 Introduction to Criminal Law & Evidence 12 3
- JSP052 Police Procedure & Practice 12 3
- JSP053 Organised Crime 12 3
- JSP054 Issues in Policing 12 3

**Intelligence and Security**
- JSP061 Process Theory & Application 12 3
- JSP062 Protective Security – Theory & Application 12 3
- JSP063 Intelligence Research – Issues, Procedures & Practice 12 3
- JSP064 Protective Security – Issues & Practice 12 3

**Corrections and the Community**
- JSP071 Corrections & the Community 1 12 3
- JSP072 Corrections & the Community 2 12 3
- JSP073 Corrections & the Community 3 12 3
- JSP074 Corrections & the Community 4 12 3

**Legal and Justice Policy**
- JSP081 Law & Public Policy 12 3
- JSP082 Legal Rights & Responsibilities 12 3
- JSP083 Administrative Law & Justice 12 3
- JSP084 Justice & Human Rights 12 3
Graduate Diploma in Legal Practice (LP41)

Location: Gardens Point campus
Course Duration: 1 year full-time only
Total Credit Points: 96
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Mr Allan Chay

Entry Requirements

1. Eligibility for normal entry
1.1 To be eligible for a place in the Graduate Diploma in Legal Practice you must hold, or be entitled to, an approved degree in law by the date the Course commences.

2. Approved degree in law
2.1 An approved degree in law is a degree that satisfies Queensland admission requirements for solicitors.

3. Entry for quota place position where you will not hold an approved degree.
3.1 If you are not eligible for normal entry, but have less than four one semester units (or equivalent) to complete to be eligible, you may apply for entry under this rule.

3.2 Applications for entry under this rule will not be considered unless there are places available after the allocation of places to applicants who are eligible for normal entry.

4. Allocation of quota places
4.1 If, by the due date for application for admission to the Course there are more applicants than quota places, the places will be allocated:
   (a) as to no less than 80% of places, based on academic merit (determined by your grade point average at the time of application);
   (b) as to up to 20% of quota places, as determined by the Assistant Dean, Legal Practice having regard to:
      (i) the Faculty's equity policy;
      (ii) whether completion of the course is required by the applicant's employer; or
      (iii) exceptional circumstances.

4.3 If you wish to be considered for a place allocated by the Assistant Dean, Legal Practice under 4.1(b) you must be eligible for normal entry, and make a written submission to the Assistant Dean by the due date. If your submission relies on the Faculty’s equity policy, then it must state the provisions of the equity policy upon which you rely and all the matters you want taken into consideration in support of your application. Submissions based on other grounds should also state all the matters you want taken into consideration and attach any relevant supporting documentation such as a letter from your employer, medical certificates etc.

5. Late applicants
5.1 If you apply after the due date then, subject to whether all the quota places have been already allocated, you will be allocated a place or your name will be added to the waiting list.

5.2 Applications for consideration under 4.1(b) above will not be accepted after the due date.

6. Conditional offers
6.1 If you apply for a normal entry quota place while you are still completing subjects required for an approved degree, any offer made to you of a place in the Course will be made on the condition that you successfully complete those subjects and become entitled to an approved degree by the date the Course commences.

Course Structure Credit Points

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legal Practice</td>
<td>48</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 2</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legal Practice</td>
<td>48</td>
</tr>
</tbody>
</table>

5 The due date for the 1999 Course is 30 October 1998.
Eight core areas are addressed and, within these areas, over 20 topics are covered. The core areas and topics are:

**Skills and professionalism**
- applied ethics and professionalism
- applied legal research skills
- legal writing and drafting
- public speaking
- legal interviewing
- self and work management skills
- claims prevention

**Procedure and Advocacy (1)**
- civil litigation practice and tactics
- Magistrates', District, Supreme and Federal Court practice and procedure
- civil advocacy
- criminal advocacy
- criminal law practice

**Procedure and Advocacy (2)**
- civil litigation practice and tactics
- unfair dismissal
- Magistrates', District, Supreme and Federal Court practice and procedure (cont...)
- personal injuries litigation
- workers’ compensation
- civil advocacy (cont...)
- practice and procedure in boards and tribunals

**Dispute resolution practice**
- negotiation skills and tactics

**Commercial law practice**
- corporations’ practice
- partnerships

- choosing entities for business transactions
- competition law
- franchising
- employment law
- taxation
- commercial agreements

**Family & Estates practice**
- wills
- estate administration
- estate planning
- superannuation
- family law practice
- child support
- legal aid

**Property law practice**
- residential conveyancing
- building units and group titles
- residential and commercial leases
- commercial conveyancing
- town planning
- native title

**Consumer credit and securities practice**
- consumer credit
- creation of securities
- enforcement of securities
- bankruptcy
- creditors’ meetings
- corporate borrowings

**Attendance**
You are required to attend the course premises or other place at which the Course is conducted every working day for the duration of the course from 9.00 am to 5.00 pm or at such other times as may be specified. Attendance is not normally required on Wednesdays. You must also attend and participate in all scheduled activities, including lectures.

If you are absent from the course for, in the aggregate, more than seven days you will be refused a Certificate of Satisfactory Completion unless you show cause to the Dean of the Faculty of Law why such a certificate should be granted. Usually, a certificate will not be granted unless you complete all your work to a satisfactory standard, provide resumes of all discussion sessions and workshops you have missed, and comply with any other conditions imposed by the Dean. If you are absent for more than 10 working days, you will have a heavy onus to discharge to show why you should be granted a certificate.

**Assessment**
Throughout the course there is continuous assessment of your performance. Assessment is based on proficiency, conduct and attendance.

All tasks set for assessment must be satisfactorily completed before a certificate of satisfactory completion will be issued.

**Other Requirements**
The Assistant Dean, Legal Practice may require students to comply with such other regulations relating to the Legal Practice course as may be notified from time to time.

**Certificate of Satisfactory Completion, Graduate Diploma in Legal Practice**
Subject to the rules set out above, each student who satisfactorily participates in and completes each part of the course and who complies with all the requirements relating to the course will receive a Certificate of
Satisfactory Completion of the Legal Practice Course and will be awarded a Graduate Diploma in Legal Practice.

■ Bar Practice Course

Warden: D. Richards, LLB QUT, GradDipLegal Prac QUT

The Bar Practice Course is offered by the Bar Practice section of the Legal Practice unit located at the Gardens Point campus. The course was first offered in 1983 and is a joint venture between the Bar Association of Queensland and QUT within the administrative structure of the Faculty of Law. It is subject to a Management Committee consisting of three members appointed by the Bar Association, three members appointed by the University, and a Chief Executive Officer, designated Warden, who is a member of the academic staff of the Faculty of Law.

The objectives of the Bar Practice Course are:

(i) to develop and enhance the practice skills of candidates for admission to the Bar of the Supreme Court of Queensland, and

(ii) to concern itself with training and standards directed towards the achievement of the highest possible levels of competence and professional integrity in the members of the Bar of the Supreme Court of Queensland.

All sessions are practical and are substantially conducted by members of the judiciary, the magistracy and the senior Bar, and are directed towards practice and applications. Knowledge of substantive law units is presumed.

The course has a four-week full-time component, and an intensive advocacy weekend workshop, presented to students (readers) who have qualified in Law from universities or the Bar Board, and who wish to practise as Barristers.

■ Bachelor of Laws (LW33)

Location: Gardens Point campus

Course Duration: 4 years full-time, 6 years part-time

Total Credit Points: 384

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Associate Professor Phillip Tahmindjis

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Study in Law</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LWB131/1 Law in Context</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LWB132/1 Contracts</td>
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<tr>
<td>LWB133/1 Torts</td>
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<td>3</td>
</tr>
<tr>
<td>LWB134 Research &amp; Legal Reasoning</td>
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<td>LWB133/2 Torts</td>
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<td>LWB135 Legislation</td>
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<tr>
<td>Introduction to Public Law</td>
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<tr>
<td>LWB232/1 Criminal Law &amp; Procedure</td>
<td>12</td>
<td>3</td>
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<tr>
<td>LWB233/1 Property</td>
<td>12</td>
<td>3</td>
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<tr>
<td>LWB234/1 Equity &amp; Trusts</td>
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<td>3</td>
</tr>
<tr>
<td>LWB233/2 Property</td>
<td>12</td>
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</table>
Professional Recognition for Admission to Practice

The LW33 Bachelor of Laws will enable students to meet the academic requirements for admission to practice as a Solicitor or Barrister in Queensland.

Part-Time Internal and External Course Structure - LW33

**Year 1, Semester 1**
- Introduction to Study in Law
  - LWB131/1 Law in Context 12 3
  - LWB134 Research & Legal Reasoning 12 3

**Year 1, Semester 2**
- LWB131/2 Law in Context 12 3
- LWB135 Legislation 12 3

**Year 2, Semester 1**
- LWB132/1 Contracts 12 3
- LWB133/1 Torts 12 3

**Year 2, Semester 2**
- LWB132/2 Contracts 12 3
- LWB133/2 Torts 12 3

**Year 3, Semester 1**
- LWB231 Introduction to Public Law 12 3
- LWB233/1 Property 12 3
- LWB234/1 Equity & Trusts 12 3

**Year 3, Semester 2**
- LWB233/2 Property 12 3
- LWB234/2 Equity & Trusts 12 3
- LWB235 Australian Federal Constitutional Law 12 3

**Year 4, Semester 1**
- LWB333 Theories of Law 12 3
  - Elective Units 6

**Year 4, Semester 2**
- LWB331 Administrative Law 12 3
- LWB334 Corporate Law 12 3
  - Elective Units 6

A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units or courses offered by other Faculties but limitations are imposed on the number of introductory units or courses which may be undertaken. Before undertaking such units or courses, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.
Year 5, Semester 1
LWB332  Commercial & Personal Property Law  12  3
Elective Units  24

Year 5, Semester 2
LWB334  Corporate Law  12  3
Elective Units  24

Year 6, Semester 1
LWB431  Civil Procedure  12  3
LWB432  Evidence  12  3
Elective Units  12

Year 6, Semester 2
LWB433  Professional Responsibility  12  3
LWB434  Advanced Research & Legal Reasoning  12  3
Elective Units  12

Special Accelerated Full-Time Course Structure for Graduates (LW33)
A graduate of any degree course approved by the Associate Dean of the Faculty of Law is eligible to complete the Bachelor of Laws course in three years (six semesters) of full-time study.

Graduate students are eligible to apply for an exemption of 48 credit points of elective units.

Year 1, Semester 1
Introduction to Study in Law
LWB131/1  Law in Context  12  3
LWB132/1  Contracts  12  3
LWB133/1  Torts  12  3
LWB134  Research & Legal Reasoning  12  3

Year 1, Semester 2
LWB131/2  Law in Context  12  3
LWB132/2  Contracts  12  3
LWB133/2  Torts  12  3
LWB135  Legislation  12  3

Year 2, Semester 1
LWB231  Introduction to Public Law  12  3
LWB232/1  Criminal Law & Procedure  12  3
LWB233/1  Property  12  3
LWB234/1  Equity & Trusts  12  3
LWB332  Commercial & Personal Property Law  12  3

Year 2, Semester 2
LWB232/2  Criminal Law & Procedure  12  3
LWB233/2  Property  12  3
LWB234/2  Equity & Trusts  12  3
LWB235  Australian Federal Constitutional Law  12  3
LWB334  Corporate Law  12  3

Year 3, Semester 1
LWB333  Theories of Law  12  3
LWB431  Civil Procedure  12  3
LWB432  Evidence  12  3
Elective Units  24

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6 A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units or courses offered by other Faculties but limitations are imposed on the number of introductory units or courses which may be undertaken. Before undertaking such units or courses, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

7 A student is required to complete 96 credit points of elective units. A student may undertake, as electives, units offered by other Faculties but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.
Year 3, Semester 2
LWB331 Administrative Law 12 3
LWB433 Professional Responsibility 12 3
LWB434 Advanced Research & Legal Reasoning 12 3
Elective Units\(^7\) 24

Special Accelerated Part-Time and External Course Structure for Graduates (LW33)
A graduate of any degree course approved by the Associate Dean of the Faculty of Law is eligible to complete the Bachelor of Laws course in five years (10 semesters) of part-time study.
Graduate students are eligible to apply for an exemption of 48 credit points of elective units.

Note: The accelerated nature of the graduate Course Structures results in a credit point loading equivalent to that of a full-time student. Consequently, enrolment in these programs will attract student guild fees and HECS liability calculated at full-time rates.

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>Year 1, Semester 1</td>
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<tr>
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<td>LWB131/1 Law in Context 12 3</td>
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<td>LWB134 Research &amp; Legal Reasoning 12 3</td>
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<td>LWB135 Legislation 12 3</td>
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<td>LWB132/1 Contracts 12 3</td>
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<tr>
<td>Year 3, Semester 1</td>
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<tr>
<td>LWB231 Introduction to Public Law 12 3</td>
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<td>LWB233/2 Property 12 3</td>
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<tr>
<td>LWB234/2 Equity &amp; Trusts 12 3</td>
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<tr>
<td>LWB235 Australian Federal Constitutional Law 12 3</td>
<td></td>
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<tr>
<td>Year 4, Semester 1</td>
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<tr>
<td>LWB333 Theories of Law 12 3</td>
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<tr>
<td>LWB332 Commercial &amp; Personal Property 12 3</td>
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<tr>
<td>Elective Units(^6) 12</td>
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<tr>
<td>Year 4, Semester 2</td>
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<tr>
<td>LWB331 Administrative Law 12 3</td>
<td></td>
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<tr>
<td>LWB334 Corporate Law 12 3</td>
<td></td>
</tr>
<tr>
<td>Elective Units(^6) 12</td>
<td></td>
</tr>
</tbody>
</table>

\(^6\) A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units or courses offered by other Faculties but limitations are imposed on the number of introductory units or courses which may be undertaken. Before undertaking such units or courses, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

\(^7\) A student is required to complete 96 credit points of elective units. A student may undertake, as electives, units offered by other Faculties but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.
Year 5, Semester 1
LWB431 Civil Procedure 12 3
LWB432 Evidence 11 3
Elective Units 6 12

Year 5, Semester 2
LWB433 Professional Responsibility 12 3
LWB434 Advanced Research & Legal Reasoning 12 3
Elective Units 6 12

Law Elective Units
Elective units of 8 credit points with two hours of contact/work per week or 12 credit points with three hours of contact/work per week.

LWB302 Family Law 12 3
LWB306 Local Government & Planning Law 8 2
LWB307 Insolvency Law 12 2
LWB308 Industrial Law 8 2
LWB309 Succession 8 2
LWB312 Land Contracts 12 3
LWB313 Discrimination/Equal Opportunity Law 12 3
LWB353 Select Issues in Law & Government 8 2
LWB354 Advanced Civil Procedure 8 2
LWB356 Advocacy 8 2
LWB359 Advanced Taxation Law 12 3
LWB361 Drafting 8 2
LWB363 Insurance Law 8 2
LWB364 Introduction to Taxation Law 12 3
LWB366 Law of Commercial Entities 8 2
LWB367 Law of Corporate Governance 12 3
LWB406 Fundamentals of Public International Law 8 2
LWB407 Private International Law 12 3
LWB410 Restrictive Trade Practices 8 2
LWB412 Research & Writing Project 8 2
LWB451 Alternative Dispute Resolution 8 2
LWB452 Asian Legal Systems 8 2
LWB454 Banking & Finance Law 8 2
LWB456 Legal Clinic (Organised Program) 12 8
LWB458 Consumer Protection 8 2
LWB461 Private Law Remedies 8 2
LWB480 Media Law 8 2
LWB482 Law & Information Technology 8 2
LWB483 Medico-Legal Issues 8 2
LWB485 Environmental Law 8 2
LWB486 Intellectual Property Law 8 2
LWB487 Maritime Law 8 2
LWB492 Securities 12 3
LWB494 Principles of Sentencing 8 2

Note: The Law elective unit offerings are accurate at time of publication. The offering of elective units in any semester is dependent upon sufficient minimum enrolments in the unit and availability of staff. Any amendments to unit offerings will be posted on Faculty noticeboards prior to the commencement of Semester 1, 1998.

The law elective units will be offered to internal students as follows:

A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units or courses offered by other Faculties but limitations are imposed on the number of introductory units or courses which may be undertaken. Before undertaking such units or courses, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

The Research and Writing Project is a one-semester unit offered to a student whenever the Director (Research in Programs) is satisfied that sufficient academic staff with the requisite expertise are available within the Faculty to supervise and examine the Project. For further information, refer to the Unit Synopsis, or contact the Faculty.
Semester 1
LWB302 Family Law
LWB307 Insolvency Law
LWB312 Land Contracts
LWB361 Drafting
LWB364 Introduction to Taxation Law
LWB366 Law of Commercial Entities
LWB367 Law of Corporate Governance
LWB406 Fundamentals of Public International Law
LWB407 Private International Law
LWB410 Restrictive Trade Practices
LWB412 Research & Writing Project
LWB454 Banking & Finance Law
LWB458 Consumer Protection
LWB482 Law & Information Technology
LWB485 Environmental Law
LWB487 Maritime Law

Semester 2
LWB306 Local Government & Planning Law
LWB308 Industrial Law
LWB309 Succession
LWB313 Discrimination/Equal Opportunity Law
LWB353 Select Issues in Law & Government
LWB354 Advanced Civil Procedure
LWB356 Advocacy
LWB359 Advanced Taxation Law
LWB363 Insurance Law
LWB366 Law of Commercial Entities
LWB412 Research & Writing Project
LWB452 Asian Legal Systems
LWB456 Legal Clinic (Organised Program)
LWB461 Private Law Remedies
LWB480 Media Law
LWB483 Medico-Legal Issues
LWB485 Intellectual Property
LWB492 Securities
LWB494 Principles of Sentencing

Law elective units will be offered to external students as follows:

Semester 1
LWB302 Family Law
LWB307 Insolvency Law
LWB312 Land Contracts
LWB361 Drafting
LWB364 Introduction to Taxation Law
LWB366 Law of Commercial Entities
LWB367 Law of Corporate Governance
LWB406 Fundamentals of Public International Law
LWB407 Private International Law
LWB410 Restrictive Trade Practices
LWB454 Banking & Finance Law
LWB458 Consumer Protection
LWB485 Environmental Law
LWB487 Maritime Law

Semester 2
LWB306 Local Government & Planning Law
LWB308 Industrial Law
LWB309 Succession
LWB313 Discrimination/Equal Opportunity Law
LWB353 Select Issues in Law & Government
LWB354 Advanced Civil Procedure
LWB359 Advanced Taxation Law
LWB363  Insurance Law
LWB452  Asian Legal Systems
LWB461  Private Law Remedies
LWB483  Medico-Legal Issues
LWB486  Intellectual Property
LWB492  Securities
LWB494  Principles of Sentencing

The following one-semester Law unit is offered internally during the summer recess:

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<td>LWB315</td>
<td>Jessup International Law Moot 1</td>
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<tr>
<td>LWB316</td>
<td>Jessup International Law Moot 2</td>
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Non-Law Elective Units (for students enrolled in LW33)
Students may undertake up to 96 credit points of elective units offered by other Faculties. Students enrolled in a graduate Course Structure are limited to 48 credit points of non-law elective units. Limitations are imposed on the number of introductory units which may be undertaken.

Before undertaking such units, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

Bachelor of Arts (Justice Studies)/Bachelor of Laws (LW41)

Location: Kelvin Grove campus and Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 552

Standard Credit Points/Full-Time Semester: 54

Course Coordinators:
Justice Studies: Associate Professor Simon Petrie
Law: Associate Professor Phillip Tahmindjis

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 (LW33) entry.

Course Structure
In the first three years students study a combination of Justice Studies units and Law units. The final two years of the course are devoted to the study of Law units only.

Full-Time Course Structure

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<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>Introduction to Study in Law</td>
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<tr>
<td>JSB011 Social Issues for Justice Professionals 1</td>
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<tr>
<td>JSB012 Communication for Justice Professionals</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>JSB014 Introduction to Justice Studies</td>
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<td>3</td>
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<tr>
<td>LWB131/1 Law in Context</td>
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</tr>
<tr>
<td>LWB134 Research &amp; Legal Reasoning</td>
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<td>JSB016 Interpersonal Skills for Justice Professionals</td>
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<td>JSB018 Criminology 1</td>
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<tr>
<td>JSB023 Human Dynamics &amp; the Criminal Justice Process 1</td>
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<tr>
<td>JSB022 Principles of Criminal Law 1</td>
<td>12</td>
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<tr>
<td>LWB132/1 Contracts</td>
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Select one unit from the following Professional Minors:  

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<tr>
<td>JSB051</td>
<td>Introduction to Criminal Law &amp; Evidence</td>
<td>12</td>
<td>3</td>
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<tr>
<td>JSB061</td>
<td>Process Theory &amp; Application</td>
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<tr>
<td>JSB071</td>
<td>Corrections &amp; the Community 1</td>
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<tr>
<td>JSB081</td>
<td>Law &amp; Public Policy</td>
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**Year 2, Semester 2**

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<td>JSB024</td>
<td>Principles of Criminal Law 2</td>
<td>12</td>
<td>3</td>
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<tr>
<td>LWB132/2</td>
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Select one unit from the following Professional Minors:  

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>HECTs</th>
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<tr>
<td>JSB042</td>
<td>Crime &amp; the Workplace</td>
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<tr>
<td>JSB052</td>
<td>Police Procedure &amp; Practice</td>
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<tr>
<td>JSB062</td>
<td>Protective Security Theory &amp; Application</td>
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<td>3</td>
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<td>JSB072</td>
<td>Corrections &amp; the Community 2</td>
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</tr>
<tr>
<td>JSB082</td>
<td>Legal Rights &amp; Responsibilities</td>
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**Year 3, Semester 1**

<table>
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<tr>
<td>JSB031</td>
<td>Investigation &amp; Evidence</td>
<td>12</td>
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<td>JSB032</td>
<td>Alternative Justice Processes</td>
<td>12</td>
<td>3</td>
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<tr>
<td>LWB133/1</td>
<td>Torts</td>
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Select one unit from the following Professional Minors:  

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<th>Title</th>
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<th>HECTs</th>
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<tr>
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<td>Organised Crime</td>
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<tr>
<td>JSB063</td>
<td>Intelligence Research Issues, Procedures &amp; Practice</td>
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<td>JSB073</td>
<td>Corrections &amp; the Community 3</td>
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<tr>
<td>JSB083</td>
<td>Administrative Law &amp; Justice</td>
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<td>3</td>
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<tr>
<td>JSB091</td>
<td>Research Design &amp; Methodology (not available until 2000)</td>
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**Year 3, Semester 2**

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<tr>
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<td>Justice &amp; Accountability</td>
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Select one unit from the following Professional Minors:  

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<th>HECTs</th>
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<tr>
<td>JSB044</td>
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<tr>
<td>JSB054</td>
<td>Issues in Policing</td>
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<td>3</td>
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<tr>
<td>JSB064</td>
<td>Protective Security: Issues &amp; Practice</td>
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<td>3</td>
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<tr>
<td>JSB074</td>
<td>Corrections &amp; the Community 4</td>
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<tr>
<td>JSB084</td>
<td>Justice &amp; Human Rights</td>
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**Year 4, Semester 1**

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<td>Introduction to Public Law</td>
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<td>Criminal Law &amp; Procedure</td>
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<tr>
<td>LWB233/1</td>
<td>Property</td>
<td>12</td>
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<tr>
<td>LWB234/1</td>
<td>Equity &amp; Trusts</td>
<td>12</td>
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<td>LWB332</td>
<td>Commercial &amp; Personal Property Law</td>
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**Year 4, Semester 2**

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<td>Criminal Law &amp; Procedure</td>
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<td>LWB235</td>
<td>Australian Federal Constitutional Law</td>
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<tr>
<td>LWB233/2</td>
<td>Property</td>
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<td>LWB234/2</td>
<td>Equity &amp; Trusts</td>
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<td>LWB334</td>
<td>Corporate Law</td>
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**Year 5, Semester 1**

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<td>LWB431</td>
<td>Civil Procedure</td>
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<td>LWB432</td>
<td>Evidence</td>
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Elective Units  

6 A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units or courses offered by other Faculties but limitations are imposed on the number of introductory units or courses which may be undertaken. Before undertaking such units or courses, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

9 A student must complete 48 credit points in ONE Professional Minor.
### Year 5, Semester 2

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
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<td>LWB433</td>
<td>Professional Responsibility</td>
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<td>LWB434</td>
<td>Advanced Research &amp; Legal Reasoning</td>
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<td>Elective Units(^6)</td>
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**Bachelor of Arts (Justice Studies) (Honours) (JS40)**

In the fields of: Law Enforcement, Intelligence & Security, Corrections and the Community and Legal & Justice Policy.

**Location:** Kelvin Grove campus

**Course Duration:** 1 year full-time, 2 years part-time

**Total Credit Points:** 96

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Dr Gayre Christie

**Entry Requirements**

To be eligible to apply for admission an applicant should:

1. hold a Bachelor of Arts (Justice Studies) three-year degree or equivalent and should have attained a grade point average (GPA) of at least 5.00 on a seven-point scale, and have completed the Research Design and Methodology unit offered in the undergraduate program prior to entry to the Honours Year; or
2. have other qualifications, including work experience or involvement in research as deemed appropriate by the Course Coordinator.

Final date for applications for admission to the Honours program is 1 December of the year preceeding that for which application is being made.

**Course Requirements**

Students must complete two prescribed units (24 credit points), two units in Professional Studies (24 credit points) and a thesis (48 credit points).

The Course Coordinator, in conjunction with thesis examiners and supervisors, will recommend to the Law Academic Board awards of:

- 1st Class Honours to students with a grade point average (GPA) of 6.50-7.00;
- 2nd Class Honours, Division A to students with a GPA of 5.50-6.49;
- 2nd Class Honours, Division B with a GPA of 4.50-5.49; and
- 3rd Class Honours to students with a GPA of 4.00-4.49.

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>Credit Points</th>
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<tr>
<td>JSB401</td>
<td>Applied Criminology</td>
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<td>JSB402</td>
<td>Professional Studies 1(^{10})</td>
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<tr>
<td>JSB403</td>
<td>Professional Studies 2(^{10})</td>
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<tr>
<td>JSB404</td>
<td>Thesis 1</td>
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<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tr>
<td>JSB405</td>
<td>Justice Organisations</td>
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</tr>
<tr>
<td>JSB406</td>
<td>Thesis 2</td>
<td>36</td>
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</tbody>
</table>

\(^6\) A student is required to complete 48 credit points of elective units. A student may undertake, as electives, units or courses offered by other Faculties but limitations are imposed on the number of introductory units or courses which may be undertaken. Before undertaking such units or courses, a student must obtain the approval of the Faculty of Law and the Faculty or School responsible for the units or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

\(^{10}\) Professional Studies 1 and 2 will be drawn from units in JS31 in the following areas: Criminology, Law Enforcement, Intelligence and Security, Corrections and the Community, Legal and Justice Policy.
Part-Time Course Structure

**Year 1, Semester 1**
- JSB4 1 Applied Criminology 12 3
- JSB 02 Professional Studies 10 12 3

**Year 1, Semester 2**
- JSB405 Justice Organisations 12 3
- JSB404 Thesis 1 12 3

**Year 2, Semester 1**
- JSB403 Professional Studies 2 10 12 3
- JSB407 Thesis 3 12 3

**Year 2, Semester 2**
- JSB408 Thesis 4 24 3

---

**Bachelor of Arts (Justice Studies) (JS31)**

**Location:** Kelvin Grove campus

**Course Duration:** 3 year full-time, 6 years part-time, 6 years external

**Total Credit Points:** 288

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Associate Professor Simon Petrie

**Course Structure**

The Course Structure comprises the following:

(i) Eight Justice Studies core units (96 credit points)

(ii) Justice Studies Major (96 credit points)

(iii) Professional Minor (48 credit points) and either four elective units (48 credit points) or second Professional Minor (48 credit points)

OR

Secondary Major (72 credit points) and two elective units (24 credit points).

---

**Full-Time Course Structure**

<table>
<thead>
<tr>
<th>Year, Semester</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
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<td>JSB012 Communication for Justice Professionals</td>
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<tr>
<td>JSB013 Law &amp; Government 1</td>
<td>12</td>
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<td>JSB014 Introduction to Justice Studies</td>
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<td>JSB015 Social Issues for Justice Professionals 2</td>
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<td>JSB016 Interpersonal Skills for Justice Professionals</td>
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<td>JSB017 Law &amp; Government 2</td>
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<td>JSB018 Criminology 1</td>
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<td>JSB022 Principles of Criminal Law 1</td>
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<td>JSB023 Human Dynamics &amp; the Criminal Justice Process 1</td>
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<td>JSB041 Juvenile Justice</td>
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<td>JSB051 Introduction to Criminal Law &amp; Evidence</td>
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<td>JSB061 Process Theory &amp; Application</td>
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<tr>
<td>JSB071 Corrections &amp; the Community 1</td>
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<td>JSB081 Law &amp; Public Policy</td>
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 profesional Studies 1 and 2 will be drawn from units in JS31 in the following areas: Criminology, Law Enforcement, Intelligence and Security, Corrections and the Community, Legal and Justice Policy.
### Year 2, Semester 2

<table>
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<tr>
<th>Code</th>
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<tr>
<td>JSB021</td>
<td>Criminology 2</td>
<td>12</td>
<td>3</td>
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<tr>
<td>JSB024</td>
<td>Principles of Criminal Law 2</td>
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<td>3</td>
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Select one of:

<table>
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<th>Credits</th>
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<tbody>
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<td>JSB042</td>
<td>Crime &amp; the Workplace</td>
<td>12</td>
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<tr>
<td>JSB052</td>
<td>Police Procedure &amp; Practice</td>
<td>12</td>
<td>3</td>
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<tr>
<td>JSB062</td>
<td>Protective Security – Theory &amp; Application</td>
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<td>Corrections &amp; the Community 2</td>
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<td>JSB082</td>
<td>Legal Rights &amp; Responsibilities</td>
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Elective

### Year 3, Semester 1

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<td>Alternative Justice Processes</td>
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<td>JSB063</td>
<td>Intelligence Research – Issues, Procedures &amp; Practice</td>
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<td>Corrections &amp; the Community 3</td>
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### Year 3, Semester 2

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<td>Justice &amp; Accountability</td>
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Select one of:

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<td>Issues in Policing</td>
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<td>Protective Security – Issues &amp; Practice</td>
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<td>Corrections &amp; the Community 4</td>
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Elective

### Part-Time Course Structure

#### Year 1, Semester 1

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<td>Communication for Justice Professionals</td>
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#### Year 1, Semester 2

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#### Year 2, Semester 1

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#### Year 2, Semester 2

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#### Year 3, Semester 1

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<td>Human Dynamics &amp; the Criminal Justice Process 1</td>
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#### Year 3, Semester 2

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<td>JSB024</td>
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#### Year 4, Semester 1

Select one of:

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<td>JSB051</td>
<td>Introduction to Criminal Law &amp; Evidence</td>
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<td>JSB061</td>
<td>Process Theory &amp; Application</td>
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<td>Corrections &amp; the Community 1</td>
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<td>JSB091</td>
<td>Research Design &amp; Methodology</td>
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Elective
Year 4, Semester 2
Select one of:
JSB042 Crime & the Workplace 12 3
JSB052 Police Procedure & Practice 12 3
JSB062 Protective Security – Theory & Application 12 3
JSB072 Corrections & the Community 2 12 3
JSB082 Legal Rights & Responsibilities 12 3
Elective

Year 5, Semester 1
JSB031 Investigation & Evidence 12 3
JSB032 Alternative Justice Processes 12 3

Year 5, Semester 2
JSB033 Human Dynamics & the Criminal Justice Process 2 12 3
JSB034 Justice & Accountability 12 3

Year 6, Semester 1
Select one of:
JSB053 Organised Crime 12 3
JSB063 Intelligence Research – Issues, Procedures & Practice 12 3
JSB073 Corrections & the Community 3 12 3
JSB083 Administrative Law & Justice 12 3
JSB091 Research Design & Methodology (not available until 2000) 12 3
Elective

Year 6, Semester 2
Select one of:
JSB044 Responding to Crime (not available until 2000) 12 3
JSB054 Issues in Policing 12 3
JSB064 Protective Security – Issues & Practice 12 3
JSB074 Corrections & the Community 4 12 3
JSB084 Justice & Human Rights 12 3
Elective

Elective Units
JSB065 Intelligence & National Security 12 3
JSB066 Management of Protective Security 12 3
JSB067 Intelligence, Organisations, Personnel & Operations 12 3
JSB068 Protective Security in Automated Systems 12 3
JSB085 Law & Legal Institutions 12 3
JSB086 Law of Civil Obligations 1 12 3
JSB087 Law of Civil Obligations 2 12 3
JSB088 Criminal Law & Procedure 12 3
JSB091 Research Design & Methodology 11 12 3
JSB092 Applied Justice Research 12 3

Electives offered subject to availability.

Electives may be taken from other units offered within Justice Studies or the University but limitations are imposed on the number of electives at introductory level which may be undertaken.

External Course Structure

Year 1, Semester 1
JSB011 Social Issues for Justice Professionals 1 12
JSB012 Communication for Justice Professionals 12

Year 1, Semester 2
JSB015 Social Issues for Justice Professionals 2 12
JSB016 Interpersonal Skills for Justice Professionals 12

Year 2, Semester 1
JSB013 Law & Government 1 12
JSB014 Introduction to Justice Studies 12

11 Prerequisite for the Bachelor of Arts (Justice Studies) (Honours).
Year 2, Semester 2
JSB017 Law and Government 2 12
JSB018 Criminology 1 12

Year 3, Semester 1
JSB022 Principles of Criminal Law 1 12
JSB023 Human Dynamics & the Criminal Justice Process 1 12

Year 3, Semester 2
JSB021 Criminology 2 12
JSB024 Principles of Criminal Law 2 12

Year 4, Semester 1
Law Enforcement Minor:
JSB051 Introduction to Criminal Law & Evidence 12

Intelligence and Security Minor:
JSB061 Process Theory & Application 12

Year 4, Semester 2
Law Enforcement Minor:
JSB052 Police Procedure & Practice 12

Intelligence and Security Minor:
JSB062 Protective Security – Theory & Application 12

Year 5, Semester 1
JSB031 Investigation & Evidence 12
JSB032 Alternative Justice Processes 12

Year 5, Semester 2
JSB033 Human Dynamics & the Criminal Justice Process 2 12
JSB034 Justice & Accountability 12

Year 6, Semester 1
Law Enforcement Minor:
JSB053 Organised Crime 12

Intelligence and Security Minor:
JSB063 Intelligence Research – Issues, Procedures & Practice 12

Year 6, Semester 2
Law Enforcement Minor:
JSB054 Issues in Policing 12

Intelligence & Security Minor:
JSB064 Protective Security – Issues and Practice 12

Pre-enrolment of Commencing Students
Commencing students have been pre-enrolled in their units for the year. Any student not entering the first year of the course or who has been given credit for one or more of the listed units should strike out the relevant units by ruling a bold line through the unit code and unit name, and then attach a page to their enrolment form listing the different unit to be studied in 1997.

Bachelor of Arts (Justice Studies) (In-Service) (JS33)

Location: Kelvin Grove campus
Course Duration: 3 years full-time, 6 years part-time, 6 years external
Total Credit Points: 288
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Associate Professor Simon Petrie

Course Structure
The structure of the course is identical to that of the Bachelor of Arts (Justice Studies) (JS31).
POLICIES

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COURSES

- Master of Applied Science (SC80) ............................................................................................... 638
- Master of Applied Science (Medical Physics)
  Master of Applied Science (Medical Ultrasound) (PH80) .......................................................... 643
- Master of Applied Science (Life Science) (LS80) ...................................................................... 645
- Graduate Diploma in Applied Science (SC71) ............................................................................. 646
- Graduate Diploma in Applied Science (Medical Physics)
  Graduate Diploma in Applied Science (Medical Ultrasound) (PH71) ........................................ 647
- Graduate Diploma in Biotechnology (LS70) .............................................................................. 647
- Graduate Diploma in Diagnostic Technologies (LS71) .............................................................. 648
- Bachelor of Applied Science (Honours) (SC60) ........................................................................ 649
- Bachelor of Applied Science with majors in Biology, Biotechnology,
  Chemistry, Corporate Mathematics, Ecology, Environmental Science, Geoscience,
  Mathematics, Microbiology, Physics (SC01) ................................................................................ 651
- Bachelor of Applied Science with majors in Biology, Biotechnology,
  Chemistry, Geology, Mathematics, Microbiology/Biochemistry, and Physics (SC30) ............ 663
- Bachelor of Applied Science (Applied Chemistry) (CH32) ....................................................... 664
- Bachelor of Applied Science (Mathematics) (MA34) ............................................................... 664
- Bachelor of Applied Science (Medical Science) (LS37) ............................................................ 665
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Note: For double degree programs with Science and Mathematics, please refer to the section on Interfaculty courses.
Policies

Policy on credit transfer relating to Bachelor-level courses in the Faculty of Science

FROM INCOMPLETE BACHELOR-LEVEL SCIENCE COURSES

Students transferring to a Bachelor degree course offered by the Faculty of Science at QUT from a comparable, partially completed course in a recognised institution may be granted credit towards the QUT award. In general, credit will be granted pro rata; for example, 96 credit points of credit normally will be granted for each year of full-time study (or its equivalent) successfully completed at the other institution. The maximum credit which may be granted is 192 credit points.

Each application for credit towards a Faculty of Science award will be considered individually, on its merits. Students who have successfully completed a year or more of full-time study (or its equivalent) at another institution nevertheless may be required to undertake specific first-level units at QUT. Also, to satisfy the relevant QUT degree rules, some students may have to gain credit totalling more than 288 credit points.

FROM COMPLETED ASSOCIATE DIPLOMA COURSES

Students entering a Bachelor degree course offered by the Faculty of Science at QUT following successful completion of a relevant Associate Diploma course from a recognised institution may be granted credit towards the QUT award. The maximum credit which may be granted is 96 credit points.

Unless the Dean determines otherwise, the credit will be granted as provisional credit. To have the credit confirmed, the student undertakes in the QUT course a program of study of at least 48 credit points and attains a grade point average of not less than 4.0. If, at the conclusion of such a course of study, the student’s grade point average is less than 4.0, the Dean shall determine both the extent to which credit granted conditionally may be retained and the student’s subsequent program of study in the course.

Policy on submission of project reports for assessment

The Science Academic Board has approved the following rules with regard to the completion of project units in all undergraduate and postgraduate courses (including Honours projects):

(i) A student enrolled in a project unit is required to submit the associated project report, dissertation or thesis for assessment by no later than the final day of the examination period for the semester in which the student’s enrolment in that unit will terminate.

(ii) In special circumstances and on the written recommendation of the student’s supervisor, the Dean may grant an extension of time to complete the work associated with the project. The final date for submission of the report after such an extension shall be the last day of the deferred examination period for the semester in which the student’s enrolment in that unit would terminate. In such cases, an ‘A’ result shall be given initially to the student in respect of this unit.

(iii) The Academic Board may grant a further extension of time to complete the work associated with a project, on condition that the student re-enrols in the project unit for the succeeding semester. Failure to re-enrol in the project unit by the last day of the deferred examination period for the semester in which, otherwise, the student’s enrolment in that unit would terminate will result in a grade of 2 or 1 being awarded in that unit.

Subsequent to the assessment process, the relevant School shall have discretion as to whether a candidate needs to re-enrol to effect any amendments required, or whether such amendments are essentially editorial. However, a student who is required to undertake further investigative work relating to his or her project must continue to be enrolled in the relevant project unit.
Students seeking extensions are advised that late submission of a project report for assessment as indicated in (ii) above may prevent publication of the associated result in time for the student to be included on the graduation list for that semester. Thus course completion and graduate status from the relevant course may be delayed. This could disadvantage students seeking employment or promotion on the basis of the qualification in question.

Policy and procedures concerning exemption from practical work

Exemptions from practical work will not normally be granted by Schools in the Faculty. However, where a student wishes to be exempt on the grounds of some extenuating circumstances from the practical component of a unit attempted previously, they must write to the Head of School controlling the unit (or Dean of Faculty in the case of Faculty units), stating the following:

(i) the year in which the unit was previously attempted,
(ii) the total mark/grade obtained for the practical component for the semester, and the maximum possible mark/grade, where known, and
(iii) the circumstances on which the students are basing their application.

Any documentation relevant to these circumstances must be provided with the application.

Students, if required, must submit practical reports, notebooks, field notes, etc. from their previous attempt at the unit. No exemption will be given for practicals where the unit has been attempted more than two years prior to the current enrolment. Students seeking exemption from practical work must do so within two weeks of the commencement of the semester in which the unit is taken.

Heads of School will:

(i) consult with relevant Course/Strand Coordinators and unit lecturers with regard to the application,
(ii) respond to the application in writing, and
(iii) forward a copy of their response to the Course/Strand Coordinator and unit lecturer.

Heads of School will determine individual School policies on exemptions and these may be obtained from the School offices.

COURSE STRUCTURES

Master of Applied Science (SC80)

Location: Gardens Point campus
Course Duration: 2 years full-time, 4 years part-time
Total Credit Points: 192
Course Coordinator: Dr Al Grenfell

Entry Requirement
Bachelor of Applied Science or equivalent.

The objectives of this course are:

☐ to provide postgraduate educational opportunities in specialised fields of applied science by means of a program that involves either an original contribution to knowledge or an original application of existing knowledge
☐ to provide education in research methods
☐ to enable graduates employed in industry to undertake further education by a combination of coursework, research and thesis
☐ to expand the involvement of students employed in industrial organisations and external agencies in undertaking relatively short-duration applied research or investigation.

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 applicant’s 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 candidate’s application is required for a registration.

2.8 The Academic Board may cancel a candidate’s registration if, after consulting a candidate’s 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 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 student’s 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 candidate’s 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 candidate’s 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 candidate’s 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 candidate’s 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 student’s 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 applicant’s 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 applicant’s 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 candidate’s 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 candidate’s 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 candidate’s 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 candidate’s 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 candidate’s 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 student’s 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.

Course Structure

☐ 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 on these two pages are units designed for this course.

### Credit Points

#### Chemistry Strand

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCN701</td>
<td>Topics in Advanced Chemistry 1</td>
<td>12</td>
</tr>
<tr>
<td>PCN801</td>
<td>Topics in Advanced Chemistry 2</td>
<td>12</td>
</tr>
<tr>
<td>PCN705</td>
<td>Research Methodology</td>
<td>12</td>
</tr>
</tbody>
</table>

**Elective Units:** Two of:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCN710</td>
<td>Chemical Instrumentation</td>
<td>12</td>
</tr>
<tr>
<td>PCN720</td>
<td>Chemometrics</td>
<td>12</td>
</tr>
<tr>
<td>PCN730</td>
<td>Advanced Physical Methods in Chemistry</td>
<td>12</td>
</tr>
<tr>
<td>PCN740</td>
<td>Laboratory Techniques for Preparative Chemistry</td>
<td>12</td>
</tr>
</tbody>
</table>

#### Ecology, Geoscience and Environmental Science Strands

**Essential units:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRN100</td>
<td>Readings in Natural Resource Sciences 1</td>
<td>12</td>
</tr>
<tr>
<td>NRN102</td>
<td>Seminars in Natural Resource Sciences 1</td>
<td>12</td>
</tr>
<tr>
<td>NRN103</td>
<td>Seminars in Natural Resource Sciences 2</td>
<td>12</td>
</tr>
</tbody>
</table>

**Select up to two of the following units if required:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRN101</td>
<td>Readings in Natural Resource Sciences 2</td>
<td>12</td>
</tr>
<tr>
<td>NRN104</td>
<td>Advanced Topics in Natural Resource Sciences 1</td>
<td>12</td>
</tr>
<tr>
<td>NRN105</td>
<td>Advanced Topics in Natural Resource Sciences 2</td>
<td>12</td>
</tr>
</tbody>
</table>

#### Life Science Strand

Students are normally expected to complete the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSN011</td>
<td>Research Seminars in Life Science 1</td>
<td>6</td>
</tr>
<tr>
<td>LSN023</td>
<td>Research Seminars in Life Science 3</td>
<td>12</td>
</tr>
<tr>
<td>LSN013</td>
<td>Readings in Life Science 3</td>
<td>24</td>
</tr>
</tbody>
</table>

Selections from other programs to a maximum of 18 credit points.

#### Mathematics Strand

Selections from other School programs to a maximum of 60 credit points

#### Physics Strand

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCN715</td>
<td>Advanced Topics in Physics 1</td>
<td>12</td>
</tr>
<tr>
<td>PCN716</td>
<td>Advanced Topics in Physics 2</td>
<td>12</td>
</tr>
</tbody>
</table>

Selections from other programs to 36 credit points.

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### Master of Applied Science (Medical Physics)

**Master of Applied Science (Medical Ultrasound) (PH80)**

**Location:** Gardens Point campus

**Course Duration:** 1½ years full-time, 3 years part-time (plus Summer Program, except for Medical Physics students)

**Total Credit Points:** 144

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Associate Professor Brian J Thomas

**Strand Coordinators:**

- *Medical Physics Major:* Dr Greg Michael
- *Medical Ultrasound Major:* Ms Margo Harkness

**Entry Requirements**

This program commences in February each year. Applications are to be made prior to 31 October in the preceding year.

**Medical Physics Major**

To be eligible to enrol for the Medical Physics Major, an applicant must have completed an acceptable tertiary course with a major in Physics.
Applicants with other qualifications (e.g. Engineering) may be enrolled subject to the approval of the Head of the School of Physical Sciences. In some instances, a bridging program may be necessary.

**Medical Ultrasound**
To be eligible to enrol in the Medical Ultrasound, an applicant will normally be qualified as a diagnostic radiographer (or medical imaging technologist) at degree or diploma level and have a minimum of two years' experience in clinical practice.

Applicants with other qualifications (e.g. in paramedical or physical sciences), and appropriate experience, may be permitted to enrol subject to the approval of the Head of the School of Physical Sciences. In some instances, a bridging program may be necessary.

Applicants must also demonstrate, in writing, that access to suitable clinical experience will be available for the duration of the course.

**Course Requirements**

**Medical Physics Major**
To complete Stage 1, students must complete units from the list below, totalling 96 credit points. Units available to students in the Medical Physics Major are indicated by C and MP.

In Semester 2, students may select either PCN213 Biomechanics/Physiological Measurement or PCN214 Health and Occupational Physics for a total of 48 credit points (FT).

**Medical Ultrasound Major**
To complete Stage 1, students must complete units from the list below, totalling 96 credit points. Units available to students in the Medical Ultrasound Major are indicated by C, C+ and MU.

Student progress will be monitored continually throughout Stage 1 of the course. Where the Head of School, on the advice of Coordinators, is of the opinion that progress is not appropriate, the student will be advised to consider transferring his/her enrolment to the PH71 Graduate Diploma in Applied Science (Medical Physics/Medical Ultrasound).

**Stage 1**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSB142 Human Anatomy &amp; Physiology (MP)</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>LSN159 Advanced Pathology (C+)</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCN112 Medical Imaging Science (MP)</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCN113 Radiation Physics (MP/MI)</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCN114 Microprocessors &amp; Instrumentation (MP)</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCN159 Ultrasonic Examinations 1 (MU)</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>PCN162 Principles of Medical Ultrasound (MU/MI)</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCN197/1 Clinical Attachment 1 (C+)</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCN211 Medical Imaging (MP)</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCN212 Radiotherapy (MP)</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCN213 Biomechanics/Physiological Measurement (MP)</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCN214 Health &amp; Occupational Physics (MP)</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>PCN218 Research Methodology &amp; Professional Studies (C)</td>
<td>12</td>
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</tr>
<tr>
<td>PCN356 Ultrasonic Examinations 2 (MU)</td>
<td>12</td>
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</tr>
<tr>
<td>PCN355 Cardiovascular Ultrasound (MU)</td>
<td>12</td>
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<tr>
<td>PCN197/1/2 Clinical Attachment 1 (C+)</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Summer School</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCN297 Clinical Attachment 2 (C+)</td>
<td>12</td>
</tr>
</tbody>
</table>

The unit PCN218 Research Methodology and Professional Studies is compulsory for students in all majors. Units LSN159 Advanced Pathology, PCN197 Clinical Attachment 1 and PCN297 Clinical Attachment 2 are compulsory for students in the Medical Ultrasound Major. Each clinical attachment unit (i.e. PCN197/1, PCN197/2 and PCN297) involves a minimum of 240 hours of clinical experience. Students must successfully complete these units in the order PCN197/1, PCN197/2 and PCN297 unless special permission is granted.

1 The unit PCN197 is a full-year unit.
Stage 2

Project Over One Semester
PCN520 48

Project Over Two Semesters
PCN540/1/2 48 24

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 (Life Science) (LS80)

Location: Gardens Point campus
Course Duration: 1.5 years full-time, 3 years part-time
Total Credit Points: 144
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr David Allen

Entry Requirements
Applicants shall hold a Bachelor of Applied Science with a GPA of 5.0 (on a seven-point scale) or better in the appropriate discipline for which they are seeking admission.

Applicants may be required to attend an interview with the Head of School and/or Course Coordinator to establish suitability for entrance into the course.

Graduates of the Graduate Diploma in Biotechnology (LS70) with a GPA of 5.0 or better (on a seven-point scale) will be eligible for entry into the course with a credit for 96 credit points.

Applicants who do not hold the specific tertiary qualification required of normal entrants may be admitted upon successful completion of a qualifying program prescribed by the Head of School.

Special Course Requirements
Students should consult the Course Coordinator regarding their programs.

Students must select two disciplinary specialisation elective units.

For part-time students, the project (dissertation) is normally carried out in the employer’s laboratory. The employer’s written permission is required.

Note: This course commences in February and July.

<table>
<thead>
<tr>
<th>Full-Time Course Structure – February Entry</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGN409 Introduction to Management</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LSN150 Ethics &amp; Life Science</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LSP735 Human Molecular Biology</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>Specialist electives – select one of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSN510 Clinical Biochemistry 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LSN511 Haematology 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LSN512 Histopathology 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LSN515 Microbiology 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LSN517 Immunology 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LSN518 Diagnostic Cytology 1</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSB637 Molecular Genetics</td>
<td>12</td>
<td>5</td>
</tr>
</tbody>
</table>
LSN102  Cellular Basis of Disease 12 3
LSN110  Molecular Basis of Disease 12 3

Specialist electives – select one of the following:
LSN610  Clinical Biochemistry 2 12 3
LSN611  Haematology 2 12 3
LSN612  Histopathology 2 12 3
LSN615  Microbiology 2 12 3
LSN617  Immunology 2 12 3
LSN618  Diagnostic Cytology 2 12 3

Year 2, Semester 1
LSN710  Project 48

Part-Time Course Structure

Year 1, Semester 1
LSN150  Ethics & Life Science 12 3
MGN409  Introduction to Management 12 3

Year 1, Semester 2
LSN102  Cellular Basis of Disease 12 3
LSN110  Molecular Basis of Disease 12 3

Year 2, Semester 1
LSN710  Project 48

Specialist Electives – select one of the following:
LSN510  Clinical Biochemistry 1 12 3
LSN511  Haematology 1 12 3
LSN512  Histopathology 1 12 3
LSN515  Microbiology 1 12 3
LSN517  Immunology 1 12 3
LSN518  Diagnostic Cytology 1 12 3

Year 2, Semester 2
Specialist Electives – select one of the following:
LSN610  Clinical Biochemistry 2 12 3
LSN611  Haematology 2 12 3
LSN612  Histopathology 2 12 3
LSN615  Microbiology 2 12 3
LSN617  Immunology 2 12 3
LSN618  Diagnostic Cytology 2 12 3

Year 3, Semester 1
LSN711  Project 1 24

Year 3, Semester 2
LSN712  Project 2 24

Graduate Diploma in Applied Science (SC71)

Location: Gardens Point campus
Course Duration: 1 year full-time, 2 years part-time
Total Credit Points: 96
Average Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Al Grenfell

Entry Requirement
Bachelor of Applied Science or equivalent.

Course Structure
Candidates for the degree of Graduate Diploma in Applied Science shall undertake a program of coursework, or coursework and 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:

☐ at least 60 and up to a maximum of 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 SC80 MAppSc course and may contain units selected from other postgraduate courses or advanced undergraduate courses where the background of the student requires this.

■ **Graduate Diploma in Applied Science (Medical Physics)**  
**Graduate Diploma in Applied Science (Medical Ultrasound) (PH71)**

For details see the section Course Requirements for Stage 1 of the Master of Applied Science (Medical Physics) and Master of Applied Science (Medical Ultrasound) (PH80).

Entry directly to PH71 is available to applicants intending to complete the course requirements at Graduate Diploma level.

■ **Graduate Diploma in Biotechnology (LS70)**

**Location:** Gardens Point campus  
**Course Duration:** 1 year full-time, 2 years part-time  
**Total Credit Points:** 96  
**Standard Credit Points/Part-Time Semester:** 24  
**Course Coordinator:** Associate Professor Peter Timms

### Entry Requirements

☐ **Normal Entry**
To be eligible for entry to the Graduate Diploma in Biotechnology, an applicant must have completed an appropriate degree in a relevant science area. Some background in biochemistry is essential.

☐ **Special Entry**
Applicants who do not hold the tertiary qualifications required for normal entry may be eligible for admission if they have completed a diploma or degree in another appropriate non-science area as determined by the Head of School, and are employed in the biotechnology area.

**Note:** This course commences in February and July.

<table>
<thead>
<tr>
<th>Full-Time Course Structure - February Entry</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSP127 Business Aspects of Biotechnology</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>LSN150 Ethics &amp; Life Science</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>LSP735 Human Molecular Biology</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>MGN409 Introduction to Management</td>
<td>12</td>
<td>3</td>
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<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSB637 Molecular Genetics</td>
<td>12</td>
<td>5</td>
</tr>
</tbody>
</table>

Select three from:

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<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LSB607 Protein Purification</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>LSB697 Plant Biotechnology</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>LSN102 Cellular Basis of Disease</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>LSN110 Molecular Basis of Disease</td>
<td>12</td>
<td>5</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Part-Time Course Structure</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSP127 Business Aspects of Biotechnology</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>LSP735 Human Molecular Biology</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSB607 Protein Purification</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>LSB637 Molecular Genetics</td>
<td>12</td>
<td>5</td>
</tr>
</tbody>
</table>
### Year 2, Semester 1
LSN150 Ethics & Life Science  
MGN409 Introduction to Management  

### Year 2, Semester 2
Select two from:
- LSB697 Plant Biotechnology  
- LSN110 Molecular Basis of Disease  
- LSN102 Cellular Basis of Disease

---

**Graduate Diploma in Diagnostic Technologies (LS71)**

**Location:** Gardens Point campus  
**Course Duration:** 1 year full-time, 2 years part-time  
**Total Credit Points:** 96  
**Standard Credit Points/Full-Time Semester:** 48  
**Course Coordinator:** Associate Professor Peter Timms

**Entry Requirements**
To be eligible for admission students should normally possess a Bachelor’s degree (e.g., science, applied science, biochemistry, microbiology, biology, biotechnology, genetics) with an understanding of current biochemistry and biotechnology at the undergraduate level.

QUT offers several undergraduate units (e.g., LSB468 Molecular Biology and LSB537 Genetic Engineering) and students wishing to upgrade to the level necessary to enter the course could complete these undergraduate units prior to commencing the course.

**Note:** This course commences in February and July.

### Full-Time Course Structure - February Entry

<table>
<thead>
<tr>
<th>Credit points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td></td>
</tr>
<tr>
<td>LSP127 Business Aspects of Biotechnology</td>
<td>12</td>
</tr>
<tr>
<td>LSP129 DNA Based Diagnostic Technologies</td>
<td>12</td>
</tr>
<tr>
<td>Select two from the following:</td>
<td></td>
</tr>
<tr>
<td>LSN150 Ethics &amp; Life Science</td>
<td>12</td>
</tr>
<tr>
<td>LSP735 Human Molecular Biology</td>
<td>12</td>
</tr>
<tr>
<td>MAB523 Introduction to Quality Management</td>
<td>12</td>
</tr>
<tr>
<td>MGN409 Introduction to Management</td>
<td>12</td>
</tr>
<tr>
<td>PCN114 Microprocessors &amp; Instrumentation</td>
<td>12</td>
</tr>
<tr>
<td>Year 1, Semester 2</td>
<td></td>
</tr>
<tr>
<td>LSB637 Molecular Genetics</td>
<td>12</td>
</tr>
<tr>
<td>LSP128 Protein Based Diagnostic Technologies</td>
<td>12</td>
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<tr>
<td>Select one from the following:</td>
<td></td>
</tr>
<tr>
<td>BSN408 Business &amp; the International Environment</td>
<td>12</td>
</tr>
<tr>
<td>LSN102 Cellular Basis of Disease</td>
<td>12</td>
</tr>
<tr>
<td>LSN110 Molecular Basis of Disease</td>
<td>12</td>
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</table>

### Part-Time Course Structure - February (Preferred)

<table>
<thead>
<tr>
<th>Credit points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1, Semester 1</td>
<td></td>
</tr>
<tr>
<td>LSP127 Business Aspects of Biotechnology</td>
<td>12</td>
</tr>
<tr>
<td>LSP129 DNA Based Diagnostic Technologies</td>
<td>12</td>
</tr>
<tr>
<td>Year 1, Semester 2</td>
<td></td>
</tr>
<tr>
<td>LSB637 Molecular Genetics</td>
<td>12</td>
</tr>
<tr>
<td>LSP128 Protein Based Diagnostic Technologies</td>
<td>12</td>
</tr>
<tr>
<td>Year 2, Semester 1</td>
<td></td>
</tr>
<tr>
<td>LSN150 Ethics &amp; Life Science</td>
<td>12</td>
</tr>
<tr>
<td>LSP735 Human Molecular Biology</td>
<td>12</td>
</tr>
</tbody>
</table>
Bachelor of Applied Science (Honours) (SC60)


Location: Gardens Point campus

Course Duration: 1 year full-time, 2 years part-time

Total Credit Points: 96

Standard Credit Points/Full-Time Semester: 48

Course Coordinator: Dr Al Grenfell

Entry Requirements

To be eligible for admission, students should have completed QUT’s Bachelor of Applied Science SC01 (SC30, CH32, LS36, LS37 or MA34) or equivalent and should have attained a grade point average (GPA) of at least 5.0 over that degree, including grades of at least credit (5) in all units directly relevant to the proposed Honours program. Application for admission should normally be made at the end of the pass degree, or within 18 months of completing that degree.

Applicants who do not satisfy the above conditions but 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.

Please note that for the Mathematics major, other degrees with major studies in Mathematics (including Statistics) may provide suitable entry to the program.

Course Structure

The honours program comprises 96 credit points. Full-time students undertake 48 credit points in each semester. The course structure depends on the major and may vary slightly from one student to another, depending on the program and particular units chosen.

The general course structure consists of a project and units or advanced topics chosen from the program of the selected major. Part-time candidates annually undertake approximately half of the full-time program. Classes are held at the same times as for full-time students and thus may involve some day release from employment.

<table>
<thead>
<tr>
<th>MAJORS</th>
<th>PROJECT</th>
<th>COURSEWORK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry; Ecology; Environmental Science; Geology; Life Science; Physics</td>
<td>60 credit points</td>
<td>36 credit points</td>
</tr>
<tr>
<td>Mathematics</td>
<td>36 credit points</td>
<td>60 credit points</td>
</tr>
</tbody>
</table>

Students should consult the Course Coordinator concerning the availability of units and selection of units for their major. Cross-institutional enrolment may be arranged in specific coursework units that are not offered by the Faculty of Science.

<table>
<thead>
<tr>
<th>CHEMISTRY MAJOR</th>
<th>Credit points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PCB700/1</td>
<td>12</td>
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</tr>
<tr>
<td>PCB700/2</td>
<td>12</td>
<td></td>
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</tbody>
</table>
PCB780/1  Advanced Topics in Chemistry 1  12  6
PCB742  Elective Unit  12  4

**Semester 2**
PCB700/3  Research Project  12
PCB700/4  Research Project  12
PCB700/5  Research Project  12
PCB780/2  Advanced Topics in Chemistry 1  12  6

**GEOLOGY, ECOLOGY, ENVIRONMENTAL SCIENCE MAJOR**

**Semester 1**
NRB720/1  Project  12
NRB730/1  Research Methods & Strategies  6  1.5
NRB730/2  Research Methods & Strategies  6  1.5
NRB735  Advanced Studies in Resource Sciences  24

**Semester 2**
NRB720/2  Project  12
NRB720/3  Project  12
NRB720/4  Project  12
NRB720/5  Project  12

**LIFE SCIENCE MAJOR**

**Semester 1**
LSB850/1  Research Strategies  6
LSB851/1  Readings in Life Science  12
LSB852/1  Project  30

**Semester 2**
LSB850/2  Research Strategies  6
LSB851/2  Readings in Life Science  12
LSB852/2  Project  30

**MATHMATICS MAJOR**

**Semester 1**
MAB787/1  Project  12
36 credit points of elective units selected from the list below

**Semester 2**
MAB787/2  Project  12
MAB787/3  Project  12
24 credit points units selected from the list below

**Elective List (Mathematics)**
60 credit points to be selected
MAB713  Topics in Mathematical Sciences  4  12
MAB714  Topics in Statistics  4  12
MAB717  Minor Project  12
MAB723  Mathematical Sciences  4a  24
MAB724  Statistics  4a  24
MAB725  Mathematical Sciences  4b  24
MAB726  Statistics  4b  24
ITB548  Introduction to Cryptology  12
ITB549  Error Control & Data Compression  12
ITN556  Advanced Topics in Cryptology  12

**PHYSICS MAJOR**

**Semester 1**
PCB700/1  Research Project  12
PCB700/2  Research Project  12
Elective  12
Elective  12

---

2 The Course Coordinator may approve a student taking 24 credit points of elective units (together with MAB787/1 and MAB787/2) in Semester 1 and 36 credit points of elective units (together with MAB787/3) in semester 2.

3 All 24 credit point elective Mathematics units are available in two 12 credit point parts, i.e. MAB723/1, MAB723/2; MAB724/1, MAB724/2; MAB823/1, MAB823/2; MAB824/1, MAB824/2. For a given unit, these parts may be available in the same semester or in two different semesters.
### Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB700/3</td>
<td>Research Project</td>
<td>12</td>
</tr>
<tr>
<td>PCB700/4</td>
<td>Research Project</td>
<td>12</td>
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<tr>
<td>PCB700/5</td>
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<tr>
<td></td>
<td>Elective</td>
<td>12</td>
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</tbody>
</table>

#### Physics Elective Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB706</td>
<td>Quantum Mechanics</td>
<td>12</td>
</tr>
<tr>
<td>PCB707</td>
<td>Advanced Materials</td>
<td>12</td>
</tr>
<tr>
<td>PCB708</td>
<td>Advanced Topics in Physics</td>
<td>12</td>
</tr>
<tr>
<td>PCN112</td>
<td>Medical Imaging Science</td>
<td>12</td>
</tr>
<tr>
<td>PCN113</td>
<td>Radiation Physics</td>
<td>12</td>
</tr>
<tr>
<td>PCN114</td>
<td>Microprocessors &amp; Instrumentation</td>
<td>12</td>
</tr>
<tr>
<td>PCN211</td>
<td>Medical Imaging</td>
<td>12</td>
</tr>
<tr>
<td>PCN212</td>
<td>Radiotherapy</td>
<td>12</td>
</tr>
<tr>
<td>PCN214</td>
<td>Health &amp; Occupational Physics</td>
<td>12</td>
</tr>
</tbody>
</table>

Other units may be chosen in consultation with the Course Coordinator.

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**Bachelor of Applied Science (SC01)**

With majors in Biochemistry, Biotechnology, Chemistry, Corporate Mathematics, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology, Physics

**Location:** Gardens Point campus

**Course Duration:** 3 years full-time, 6 years part-time

**Total Credit Points:** 288 (minimum)

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Dr Neville Bofinger

**Major Coordinators:**
- **Biochemistry:** Dr Alex Anderson
- **Biotechnology:** Dr Ron Epping
- **Chemistry:** Dr Dennis Arnold
- **Corporate Mathematics:** Mr Ian Ogle
- **Ecology:** Dr Ian Williamson
- **Environmental Science:** Mr Graham Kimber
- **Geoscience:** Mr David O’Connell
- **Mathematics:** Dr Jack Wrigley
- **Microbiology:** Mrs Megan Hargreaves
- **Physics:** Dr Bruce Cornish

**Course Structure and Requirements**

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. Almost all units in the SC01 course are 12 credit points in value and one semester in length.

The course is offered internally over six semesters of full-time study or its part-time equivalent. A student may enrol as either a full-time student or a part-time student.

The course is structured such that the units studied by a student must comprise:

(a) at least six (6) Faculty core units, including at least 3 from List A and at least 3 from List B (Schedule 1)  
   (This represents a total of 72 credit points.)

AND

(b) a major, comprising 96 credit points at advanced level and including at least 48 credit points at third level, in one of the following discipline areas: biochemistry; biotechnology; chemistry; corporate mathematics; ecology; environmental science; geoscience; mathematics; microbiology; physics

AND
(c) (i) a comajor, comprising 72 credit points at advanced level in one of the following areas: applied chemistry; applied geology; biodiversity; forensic science; materials science; medical and health physics OR
(ii) a comajor, comprising 72 credit points at advanced level drawn from a major other than that selected in (b) above OR
(iii) an approved group of units comprising 72 credit points at advanced level in any area of study in the University

AND

(d) (i) a minor, comprising 48 credit points of coherent units in any area of study in the University OR
(ii) 48 credit points of elective units

In selecting units for the comajor (or approved group of units) in (c) and for the minor (or 48 credit points of elective units) in (d), it is emphasised that the total number of credit points completed outside the Faculty of Science must not exceed 96.

The following diagram illustrates the course structure:

Course Structure

![Course Structure Diagram]

Total number of units required = 24

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:

(a) 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
(b) a major study
(c) 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; corporate mathematics; 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 chemistry; applied geology; biodiversity; forensic science; materials science; medical and health physics. 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.

2. The maximum number of credit points that may be counted from units other than those at advanced level is 120 credit points.

3. 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.

4. Students are normally expected to complete the course in minimum time. A full-time student normally enrols in an average of 48 credit points per semester for six semesters and a part-time student normally enrols 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.)

5. 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.

6. A registered student who has successfully completed the equivalent of the first and second years 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 Cooperative Education Coordinator, apply to undertake the Cooperative Education 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 cooperative education placement, the student resumes formal studies.

7. The Dean’s Scholars Program operates with the BAppSc course SC01. It provides an enriched course of study to students who obtain high levels of achievement. At the same time if offers an accelerated pathway by which students who are accepted into the program directly from Secondary School studies are able to complete the BAppSc course in two years.

Dean's Scholars who gain entry to the program on the basis of Secondary School studies can complete the BAppSc degree in two years. The reduction in time is achieved through the combination of (a) a preparatory program of 48 credit points, which incorporates the summer term as an intensive bridging theoretical and practical stage of 24 credit points (unit SCB301) that articulates to an individual tutorial program of 24 credit points extending across Semester 1 (unit SCB302), and (b) a research-oriented overload of one dedicated Deans Scholars program unit in each of Semesters 2, 3, & 4, of 12, 24, & 12 credit points respectively (units SCB401, SCB501, and SCB601).

Students who commence the SC01 course in normal mode (Faculty core program in their first year) and achieve a GPA $\geq 6.0$ over their first 96 credit points of study will be eligible to apply for entry to the Dean’s Scholars program in the second year of their course. Since an overload would be unnecessary for these students, the Dean’s Scholars units undertaken in their final three semesters (units SCB401, SCB501, and SCB601) represent a minor that enriches their course with a research component promoting progression to Honours.

Dean’s Scholars who undertake the acceleration and enrichment are required to complete the same number of credit points from advanced level units in majors/comajors as other students in the SC01 course. This allows both a major and a comajor to be studied in science disciplines. Students who follow this pathway will therefore suffer no disadvantage with regard to professional accreditation in their chosen discipline area.

The number of students entering the Dean’s Scholars program will be determined by the Dean and senior academic staff of the Faculty of Science. In 1999 the quota will be 10 full-time students.

Only high-achieving students will be eligible to enter the program directly. The entry requirement for QTAC applicants is a Years 11-12 exit assessment that includes at least TWO very high achievements over four semesters and ONE high achievement over four semesters in any three of the Senior science subjects: Biological Science; Chemistry; Earth Science; Mathematics B; Mathematics C; Physics. Applicants to the Dean’s Scholars program will be required to attend a personal interview.
Notes on the Rules
1. 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.

2. 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.

3. 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)

General Requirements for Majors
The units referred to in the general requirements for majors are listed in Schedules 1, 2, and 3.

BIOCHEMISTRY (Coordinator Dr Alex Anderson)
First Level
(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:
LSB118 Life Science
LSB238 Cell Biology
NBR270 Animal & Plant Structure & Function
PCB142 Chemistry 1
PCB242 Chemistry 2

(c) Recommended unit:
MAB101 Statistical Data Analysis 1

Second and Third Levels
(a) 96 credit points of Biochemistry units including 48 credit points from Level 3

(b) Mandatory units:
LSB308 Biochemistry
LSB408 Metabolism
LSB508 Advanced Metabolism
LSB527 Biomedical Research Technologies
LSB607 Protein Purification
LSB608 Protein Science

BIOTECHNOLOGY (Coordinator Dr Ron Epping)
First Level
(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:
LSB118 Life Science
LSB238 Cell Biology
NBR270 Animal & Plant Structure & Function
PCB142 Chemistry 1
PCB242 Chemistry 2

(c) Recommended unit:
MAB101 Statistical Data Analysis 1

Second and Third Levels
(a) 96 credit points of Biotechnology units including 48 credit points from Level 3

(b) Mandatory units:
LSB308 Biochemistry
LSB408 Metabolism
LSB468 Molecular Biology
LSB537 Genetic Engineering
LSB637 Molecular Genetics
CHEMISTRY (Coordinator Dr Dennis Arnold)

First Level
(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
PCB101 Physical Science
PCB142 Chemistry 1
PCB242 Chemistry 2

(c) Recommended units:
PCB250 Physics 1\(^4\)  
An approved introductory computing unit

Second and Third Levels
(a) 96 credit points of Chemistry units including 48 credit points from Level 3

(b) Mandatory units:
PCB305 Principles of Physical Chemistry
PCB354 Structure & Mechanism in Organic Chemistry
PCB434 Inorganic Chemistry
PCB444 Spectroscopy
PCB505 Advanced Physical Chemistry
PCB554 Synthesis & Reactivity in Organic Chemistry
PCB634 Organometallic & Coordination Chemistry
PCB644 Frontiers in Chemistry

CORPORATE MATHEMATICS (Coordinator Mr Ian Ogle)

First Level
(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:
MAB100 Mathematical Sciences 1A\(^5\)
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB210 Statistical Modelling 1

(c) Recommended unit:
MAB112 Mathematical Sciences 1C

Second and Third Levels
(a) 96 credit points of Corporate Mathematics units including 48 credit points from Level 3

(b) Mandatory units:

ECOLOGY (Coordinator Dr Ian Williamson)

First Level
(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:
LSB118 Life Science
NRB100 Environmental Science
MAB101 Statistical Data Analysis 1
PCB101 Physical Science

(c) Recommended units:
NRB270 Animal & Plant Structure & Function
LSB238 Cell Biology

Second and Third Levels
(a) 96 credit points of Ecology units including 48 credit points from Level 3

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\(^4\) Mandatory for students who take the Materials Science comajor.

\(^5\) For students without a grade of SA or better in at least three semesters of Senior Mathematics C
(b) Mandatory units:
NRB310 Genetics
NRB311 Population Ecology
NRB312 Experimental Design
NRB411 Ecological Methods
NRB510 Population Genetics
NRB511 Population Management
NRB610 Applied Ecology
NRB611 Conservation Biology

ENVIRONMENTAL SCIENCE (Coordinator Mr Graham Kimber)

First Level
(a) Core requirements in accordance with the SC01 course rules
(b) Mandatory unit:
NRB101 Environmental Science
(c) Recommended unit:
NRB200 The Environment of SE Queensland

Second and Third Levels
(a) 96 credit points of approved advanced level units including 48 credit points from Level 3
(b) Mandatory units:
NRB300 Environmental Monitoring
NRB400 Environmental Systems
NRB500 Environmental Modelling
NRB600 Impact & Risk Assessment

GEOSCIENCE (Coordinator Mr David O’Connell)

First Level
(A) Core requirements in accordance with the SC01 course rules
(b) Mandatory units:
MAB100 Mathematical Sciences 1A
NRB230 Planet Earth
PCB142 Chemistry 1
(c) Recommended units:
MAB101 Statistical Data Analysis 1
NRB200 The Environment of SE Queensland
PCB101 Physical Sciences
PCB242 Chemistry 2
PCB250 Physics 1
ITBxxx (An approved introductory computing unit)

Second and Third Levels
(a) 96 credit points of Geoscience units including 48 credit points from Level 3
(b) Mandatory units:
NRB330 Structural Geology
NRB333 Mineralogy & Optical Mineralogy
NRB431 Geological Field Methods
NRB432 Lithology & Petrography

MATHEMATICS (Coordinator Dr Jack Wrigley)

First Level
(a) Core requirements in accordance with the SC01 course rules
(b) Mandatory units:
MAB100 Mathematical Sciences 1A
MAB101 Statistical Data Analysis 1
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB210 Statistical Modelling 1
MAB220 Computational Mathematics 1

5 For students without a grade of SA or better in at least three semesters of Senior Mathematics C
Second and Third Levels
(a) 96 credit points of Mathematical Sciences units including 48 credit points from Level 3

(b) Mandatory units:
At least one of the following:
MAB311   Advanced Calculus
MAB312   Linear Algebra
MAB413   Differential Equations

MICROBIOLOGY (Coordinator Mrs Megan Hargreaves)

First Level
(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:
LSB118   Life Science
NRB270   Animal & Plant Structure & Function
LSB238   Cell Biology
PCB101   Physical Science
PCB242   Chemistry 2

(c) Recommended unit:
MAB101   Statistical Data Analysis 1
PCB142   Chemistry 1

Second and Third Levels
(a) 96 credit points of Microbiology units including 48 credit points from Level 3

(b) Mandatory units:
LSB308   Biochemistry
LSB328   Microbiology 1
LSB408   Metabolism
LSB428   Microbiology 2

PHYSICS (Coordinator Dr Bruce Cornish)

First Level
(a) Core requirements in accordance with the SC01 course rules

(b) Mandatory units:
MAB100   Mathematical Sciences 1A $^5$
MAB111   Mathematical Sciences 1B
MAB112   Mathematical Sciences 1C
PCB240   Optics 1
PCB250   Physics 1

(c) Recommended units:
Any approved introductory computing unit
PCB107   Physics & Quantitative Techniques

Second and Third Levels
(a) 96 credit points of Physics units including 48 credit points from Level 3

(b) Mandatory units:
MAB311   Advanced Calculus
PCB360   Physics 2
PCB361   AC Theory & Electronics
PCB460   Instrumentation & Computational Methods
PCB461   Electromagnetism & Thermodynamics
PCB560   Applied Nuclear & Radiation Physics
PCB660   Quantum & Condensed Matter Physics
PCB661   Experimental Physics

General Requirements for Science Comajors
The general requirement is 72 credit points of units at advanced level in the relevant comajor in accordance with the SC01 course rules. Mandatory units at advanced level are indicated below.

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$^5$ For students without a grade of SA or better in at least three semesters of Senior Mathematics C.
<table>
<thead>
<tr>
<th>COMAJOR</th>
<th>ADVANCED LEVEL MANDATORY UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Chemistry</td>
<td>PCB314 Concepts in Analytical Chemistry</td>
</tr>
<tr>
<td></td>
<td>PCB414 Industrial &amp; Environmental Analytical Chemistry</td>
</tr>
<tr>
<td></td>
<td>PCB424 Process Principles</td>
</tr>
<tr>
<td></td>
<td>PCB514 Instrumental Analysis</td>
</tr>
<tr>
<td></td>
<td>PCB524 Unit Operations</td>
</tr>
<tr>
<td></td>
<td>PCB624 Process Modelling, Analysis &amp; Evaluation</td>
</tr>
<tr>
<td>Applied Geology</td>
<td>Six of:</td>
</tr>
<tr>
<td></td>
<td>NRB331 Sedimentary Geology</td>
</tr>
<tr>
<td></td>
<td>NRB332 Environmental Geoscience</td>
</tr>
<tr>
<td></td>
<td>NRB340 Mineral Deposits &amp; Mine Geology</td>
</tr>
<tr>
<td></td>
<td>NRB433 Geophysics</td>
</tr>
<tr>
<td></td>
<td>NRB530 Metamorphic Petrology &amp; Plastic Deformation</td>
</tr>
<tr>
<td></td>
<td>NRB531 Sedimentology &amp; Basin Analysis</td>
</tr>
<tr>
<td></td>
<td>NRB533 Advanced Geological Mapping</td>
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<td></td>
<td>NRB630 Exploration Geoscience</td>
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<tr>
<td></td>
<td>NRB631 Fossil Fuel Geology</td>
</tr>
<tr>
<td></td>
<td>NRB633 Hydrogeology</td>
</tr>
<tr>
<td></td>
<td>NRB634 Igneous Petrology &amp; Petrogenesis</td>
</tr>
<tr>
<td></td>
<td>NRB660 Studies in Natural Resource Science</td>
</tr>
<tr>
<td>Biodiversity</td>
<td>LSB488 Plant Physiology 1</td>
</tr>
<tr>
<td></td>
<td>NRB370 Invertebrate Biology</td>
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<tr>
<td></td>
<td>NRB371 Plant Biology</td>
</tr>
<tr>
<td></td>
<td>NRB470 Chordate Biology</td>
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<tr>
<td></td>
<td>NRB570 Evolution of Australian Biota</td>
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<tr>
<td></td>
<td>NRB670 Australian Biodiversity</td>
</tr>
<tr>
<td>Forensic Science</td>
<td>JSB444 Evidence &amp; Investigation for Forensic Scientists</td>
</tr>
<tr>
<td></td>
<td>LSB338 Cell &amp; Molecular biology 2</td>
</tr>
<tr>
<td></td>
<td>PCB414 Industrial &amp; Environmental Analytical Chemistry</td>
</tr>
<tr>
<td></td>
<td>PCB514 Instrumental Analysis</td>
</tr>
<tr>
<td></td>
<td>PCB584 Forensic Examination of Physical Evidence</td>
</tr>
<tr>
<td></td>
<td>PCB684 Forensic Analysis &amp; Toxicology</td>
</tr>
<tr>
<td>Materials Science</td>
<td>MEB135 Introduction to Materials Science</td>
</tr>
<tr>
<td></td>
<td>MEB335 Materials for Medical Science</td>
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<tr>
<td></td>
<td>MEB337 Materials Failure</td>
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<tr>
<td></td>
<td>MEB533 Topics in Materials Science</td>
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<td></td>
<td>PCB614 Materials Analysis</td>
</tr>
<tr>
<td></td>
<td>PCB694 High Technology Materials</td>
</tr>
<tr>
<td>Medical &amp; Health Physics</td>
<td>MAB220 Computational Mathematics 1</td>
</tr>
<tr>
<td></td>
<td>PCB404 Safety Technology</td>
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<td></td>
<td>PCB548 Medical Physics</td>
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<td></td>
<td>PCB593 Digital Image Processing</td>
</tr>
<tr>
<td></td>
<td>PCB648 Applied Radiation &amp; Health Physics</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>LSB308 Biochemistry</td>
</tr>
<tr>
<td></td>
<td>LSB408 Metabolism</td>
</tr>
<tr>
<td></td>
<td>LSB508 Advanced Metabolism</td>
</tr>
<tr>
<td></td>
<td>LSB527 Biomedical Research Technologies</td>
</tr>
<tr>
<td></td>
<td>LSB607 Protein Purification</td>
</tr>
<tr>
<td></td>
<td>LSB608 Protein Science</td>
</tr>
<tr>
<td>Biotechnology</td>
<td>LSB308 Biochemistry</td>
</tr>
<tr>
<td></td>
<td>LSB408 Metabolism</td>
</tr>
<tr>
<td></td>
<td>LSB468 Molecular Biology</td>
</tr>
<tr>
<td></td>
<td>LSB537 Genetic Engineering</td>
</tr>
<tr>
<td></td>
<td>LSB637 Molecular Genetics</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Six of the mandatory units in the Chemistry major</td>
</tr>
<tr>
<td>Corporate Mathematics</td>
<td>--</td>
</tr>
<tr>
<td>Ecology</td>
<td>Six of the mandatory units in the Ecology major</td>
</tr>
</tbody>
</table>
### Environmental Science
- NRB300 Environmental Monitoring
- NRB400 Environmental Systems
- NRB500 Environmental Modelling
- NRB600 Impact & Risk Assessment

### Geoscience
Six of the units in the Geoscience major

### Mathematics
At least one of the following:
- MAB311 Advanced Calculus
- MAB312 Linear Algebra
- MAB413 Differential Equations

### Microbiology
- LSB308 Biochemistry
- LSB328 Microbiology 1
- LSB408 Metabolism
- LSB428 Microbiology 2
  Plus two Microbiology electives

### Physics
- MAB311 Advanced Calculus
- PCB360 Physics 2
- PCB361 AC Theory & Electronics
- PCB460 Instrumentation & Computational Methods
- PCB461 Electromagnetism & Thermodynamics

### Schedule of Units, SC01 Course

#### Schedule 1: Core Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>List A (at least three required)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSB118 Life Science</td>
<td>12</td>
<td>4</td>
<td>1, 2</td>
</tr>
<tr>
<td>MAB100 Mathematical Sciences 1A</td>
<td>12</td>
<td>4</td>
<td>1, 2</td>
</tr>
<tr>
<td>NRB100 Environmental Science</td>
<td>12</td>
<td>4</td>
<td>1, 2</td>
</tr>
<tr>
<td>PCB101 Physical Science</td>
<td>12</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td><strong>List B (at least three required)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSB238 Cell Biology</td>
<td>12</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>MAB101 Statistical Data Analysis 1</td>
<td>12</td>
<td>4</td>
<td>1, 2</td>
</tr>
<tr>
<td>MAB111 Mathematical Sciences 1B</td>
<td>12</td>
<td>4</td>
<td>1, 2</td>
</tr>
<tr>
<td>MAB112 Mathematical Sciences 1C</td>
<td>12</td>
<td>4</td>
<td>1, 2</td>
</tr>
<tr>
<td>NRB200 The Environment of SE Queensland</td>
<td>12</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>NRB230 Planet Earth</td>
<td>12</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>NRB270 Animal &amp; Plant Structure &amp; Function</td>
<td>12</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>PCB142 Chemistry 1</td>
<td>12</td>
<td>5</td>
<td>1, 2</td>
</tr>
<tr>
<td>PCB242 Chemistry 2</td>
<td>12</td>
<td>6</td>
<td>1, 2</td>
</tr>
<tr>
<td>PCB250 Physics 1</td>
<td>12</td>
<td>5</td>
<td>2</td>
</tr>
</tbody>
</table>

**Note**
(a) Students with an exit assessment of SA or better in at least 3 semesters of Mathematics C/II may replace MAB100 Mathematical Sciences 1A with MAB111 Mathematical Sciences 1B.
(b) Students in a mathematics major may replace units in Lists A and B with units listed below:

- MAB210 Statistical Modelling 1 | 12 | 4 | 1, 2 |
- MAB220 Computational Mathematics 1 | 12 | 4 | 2 |
- (Any approved computing unit) | | | |

#### Schedule 1: Level 1 Units other than Core

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSB150 Human Anatomy</td>
<td>12</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>PCB107 Physics &amp; Quantitative Techniques</td>
<td>12</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>PCB240 Optics 1</td>
<td>12</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>SCB202 Science, Technology &amp; Society</td>
<td>12</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>SCB222 Exploration of the Universe</td>
<td>12</td>
<td>5</td>
<td>2</td>
</tr>
</tbody>
</table>

### Schedule of Units: Level 2 Units

**Note**: Where the abbreviation for a major or comajor is highlighted by superscript 6 for a given unit in Schedules 2 and 3, that unit is mandatory for the major or comajor indicated.
Abbreviations for majors and comajors referred to in Schedules 2 and 3:

| AC | Applied Chemistry |
| AG | Applied Geology |
| BC | Biochemistry |
| BD | Biodiversity |
| BT | Biotechnology |
| CH | Chemistry |
| CM | Corporate Mathematics |
| EC | Ecology |
| ES | Environmental Science |
| FS | Forensic Science |
| GS | Geoscience |
| MB | Microbiology |
| MH | Medical and Health Physics |
| MS | Mathematics |
| MT | Materials Science |
| PH | Physics |

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Credit points</th>
<th>Contact hrs/ wk</th>
<th>Semester offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>JSB444</td>
<td>Evidence &amp; Investigation for Forensic Scientists</td>
<td>FS6</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>LSB308</td>
<td>Biochemistry</td>
<td>BC6, BT6, MB6</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>LSB328</td>
<td>Microbiology 1</td>
<td>BC, BT, MB6</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>LSB338</td>
<td>Cell &amp; Molecular Biology</td>
<td>BC, BT, MB, FS6</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>LSB358</td>
<td>Physiology 1</td>
<td>BC, BT, MB</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>LSB408</td>
<td>Metabolism</td>
<td>BC6, BT6, MB6</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>LSB428</td>
<td>Microbiology 2</td>
<td>BC, BT, MB6</td>
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<td>LSB468</td>
<td>Molecular Biology</td>
<td>BC, BT6, MB</td>
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<td>LSB488</td>
<td>Plant Physiology 1</td>
<td>BD6, BT, ES</td>
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<td>MAB311</td>
<td>Advanced Calculus</td>
<td>MS, PH6</td>
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<td>MAB312</td>
<td>Linear Algebra</td>
<td>MS</td>
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<td>MAB313</td>
<td>Mathematics of Finance</td>
<td>CM, MS</td>
<td>12</td>
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<td>MAB314</td>
<td>Statistical Modelling 2</td>
<td>CM, MS</td>
<td>12</td>
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<td>MAB315</td>
<td>Operations Research 2</td>
<td>CM, MS</td>
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<td>Differential Equations</td>
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<td>Applied Statistics 2</td>
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<td>MAB420</td>
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<td>MAB422</td>
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<td>MAB440</td>
<td>Industry Project (planning stage)</td>
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<td>MEB135</td>
<td>Introduction to Materials Science</td>
<td>MT6</td>
<td>12</td>
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<td>Materials for Medical Science</td>
<td>MT6</td>
<td>12</td>
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<td>MEB337</td>
<td>Materials Failure</td>
<td>MT6</td>
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<td>NRB300</td>
<td>Environmental Monitoring</td>
<td>ES6</td>
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<tr>
<td>NRB310</td>
<td>Genetics</td>
<td>BC, BT, EC6, MB</td>
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<td>NRB311</td>
<td>Population Ecology</td>
<td>EC6</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>NRB312</td>
<td>Experimental Design</td>
<td>BC, BT, EC6, MB</td>
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<tr>
<td>NRB330</td>
<td>Structural Geology</td>
<td>GS6</td>
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<td>NRB331</td>
<td>Sedimentary Geology</td>
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<tr>
<td>NRB332</td>
<td>Environmental Geoscience</td>
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<td>NRB333</td>
<td>Mineralogy</td>
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<td>NRB370</td>
<td>Invertebrate Biology</td>
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<td>Plant Biology</td>
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<td>NRB400</td>
<td>Experimental Systems</td>
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<td>NRB411</td>
<td>Ecological Methods</td>
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<tr>
<td>NRB421</td>
<td>Environmental Measurement Techniques</td>
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<tr>
<td>NRB430</td>
<td>Mineral Deposits &amp; Mine Geology</td>
<td>AG</td>
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<tr>
<td>NRB431</td>
<td>Geological Field Methods</td>
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*The unit is mandatory for the major or comajor indicated.*
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<tr>
<th>Unit Code</th>
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<th>Credit points</th>
<th>Contact hrs/ wk</th>
<th>Semester offered</th>
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<tr>
<td>LSB508</td>
<td>Advanced Metabolism</td>
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<td>LSB517</td>
<td>Plant Tissue Culture</td>
<td>BC</td>
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<td>LSB527</td>
<td>Biomedical Research Technologies</td>
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<td>LSB528</td>
<td>Advanced Biology of Microorganisms</td>
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<td>LSB537</td>
<td>Genetic Engineering</td>
<td>BC, BT, MB</td>
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<td>LSB547</td>
<td>Clinical Bacteriology</td>
<td>BC, MB</td>
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<td>LSB558</td>
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<td>LSB578</td>
<td>Virology</td>
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<td>LSB588</td>
<td>Plant Physiology 2</td>
<td>BT</td>
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<td>LSB598</td>
<td>Molecular Pathogenesis and Disease Diagnosis 1</td>
<td>BC, BT, MB</td>
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<td>LSB607</td>
<td>Protein Purification</td>
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<td>LSB608</td>
<td>Protein Science</td>
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<td>LSB628</td>
<td>Food and Water Microbiology</td>
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<td>LSB637</td>
<td>Molecular Genetics</td>
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<tr>
<td>LSB647</td>
<td>Clinical Microbiology</td>
<td>BC, MB</td>
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<tr>
<td>LSB648</td>
<td>Microbial Technology</td>
<td>BC, MB</td>
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<tr>
<td>LSB657</td>
<td>Perspectives in Life Science</td>
<td>BC, BT, MB</td>
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<td>LSB658</td>
<td>Clinical Physiology</td>
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<td>LSB697</td>
<td>Plant Biotechnology</td>
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<td>LSB698</td>
<td>Molecular Pathogenesis &amp; Disease Diagnosis 2</td>
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<tr>
<td>MAB521</td>
<td>Applied Mathematics 3</td>
<td>MS</td>
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<td>MAB522</td>
<td>Computational Mathematics 3</td>
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<td>CM, MS</td>
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<td>MAB524</td>
<td>Statistical Inference</td>
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<tr>
<td>MAB526</td>
<td>Statistical Science 3</td>
<td>MS</td>
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<td>4</td>
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<td>MAB613</td>
<td>Partial Differential Equations</td>
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<td>4</td>
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<td>MAB621</td>
<td>Discrete Mathematics</td>
<td>MS</td>
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<td>MAB623</td>
<td>Financial Mathematics</td>
<td>CM, MS</td>
<td>12</td>
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</table>

6 The unit is mandatory for the major or comajor indicated.
7 Contact hours of 20 per week are for a 6-week period.
MAB624  Applied Statistics 3  CM, MS  12  4  2
MAB625  Operations Research 3B  CM, MS  12  4  2
MAB640  Industry Project  CM, MS  24  4  2
MEB533  Topics in Material Science  MT  12  5  1
NRB500  Environmental Modelling  ES  12  4  1
NRB510  Population Genetics  EC  12  4  1
NRB511  Population Management  EC  12  4  1
NRB530  Metamorphic Petrology & Plastic Deformation  AG, GS  12  4  1
NRB531  Sedimentology & Basin Analysis  AG, GS  12  4  1
NRB532  Ore Genesis  AG, GS  12  5  1
NRB533  Advanced Geological Mapping  AG, GS  12  4  1
NRB570  Evolution of Australian Biota  BD  12  4  1
NRB600  Issues in Resource Management  ES  12  4  2
NRB610  Applied Ecology  EC  12  4  2
NRB611  Conservation Biology  EC  12  4  2
NRB630  Exploration Geoscience  AG  12  4  2
NRB631  Fossil Fuel Geology  AG  12  5  2
NRB633  Hydrogeology  AG, ES  12  4  2
NRB634  Igneous Petrology & Petrochemistry  AG, GS  12  4  2
NRB640  Physical Chemistry of the Environment  ES  12  4  2
NRB660  Studies in Natural Resource Sciences  AG, ES, GS  12  4  2
NRB670  Australian Biodiversity  BD  12  4  2
PCB505  Advanced Physical Chemistry  CH  12  4  1
PCB514  Instrumental Analysis  AC, FS  12  5  1
PCB524  Unit Operations  AC  12  5  1
PCB548  Medical Physics  MH  12  5  1
PCB554  Synthesis & Reactivity in Organic Chemistry  CH  12  4  1
PCB560  Applied Nuclear & Radiation Physics  PH  12  5  1
PCB562  Physical Methods of Analysis  PH  12  5  1
PCB584  Forensic Examination of Physical Evidence  FS  12  4  1
PCB593  Digital Image Processing  MH  12  4  1
PCB604  Project  AC, CH  12  5  2
PCB614  Materials Analysis  AC, MT  12  4  2
PCB624  Process Modelling, Analysis & Evaluation  AC  12  5  2
PCB634  Organometallic & Coordination Chemistry  CH  12  5  2
PCB644  Frontiers in Chemistry  CH  12  4  2
PCB648  Applied Radiation & Health Physics  ES, MH  12  5  2
PCB660  Quantum & Condensed Matter Physics  PH  12  5  2
PCB661  Experimental Physics  MH, PH  12  4  1
PCB662  Advanced Topics in Physics  MH, PH  12  4  2
PCB684  Forensic Analysis & Toxicology  FS  12  4  2
PCB694  High Technology Materials  MT  12  5  2
SCB501  Research Project for Dean's Scholars  24  4  1
SCB601  Perspectives in Science  12  4  2

Cooperative Education 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 Cooperative Education Program Coordinator, undertake the Cooperative Education 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.

6 The unit is mandatory for the major or comajor indicated.
Bachelor of Applied Science (SC30)

With majors in: Biology, Biotechnology, Chemistry, Geology, Mathematics, Microbiology/Biochemistry, and Physics.

**Location:** Gardens Point campus

**Course Duration:** 3 years full-time, 6 years part-time

**Total Credit Points:** 288

**Standard Credit Points/Full-Time Semester:** 48

**Course Coordinator:** Mr Tony Edwardson

This course has been discontinued. Continuing students in this course should enrol in units from the Bachelor of Applied Science (SC01) course, after discussion and advice from the Course Coordinator or Strand Coordinator of the SC01 course.

**Course Rules**

1. A student may enrol as either a full-time or a part-time student. A full-time student is one who is enrolled in 36 or more credit points per semester. A part-time student is one who is enrolled in less than 36 credit points in the semester.

2. All 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.

3. Students are normally expected to complete the course in minimum time. A full-time student enrols in an average of 48 credit points per semester for six semesters and a part-time student enrols in an average of 24 credit points per semester for 12 semesters.

4. To fulfil the requirements for the award of the degree, a student must complete units totalling at least 288 credit points, comprising major and minor studies, and supporting units.

Major and minor studies are defined in terms of the discipline and the academic level at which units are offered:

(i) A major must be completed in one of the following discipline areas: biology, biotechnology, chemistry, mathematics, geology, microbiology/biochemistry, or physics. Completion of a major consists of passing units totalling at least 120 credit points from the second and third schedules, including a minimum of 48 credit points at third level. The general requirements for each major are set out after the Course Rules.

(ii) A minor must be completed and may be undertaken in any approved subject area within the University. Completion of a minor consists of passing units totalling at least 48 credit points from units at advanced level.

Major and minor studies may be undertaken in the same or in closely related discipline areas.

5. A registered student who has successfully completed the equivalent of the first and second years 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 Cooperative Education Program Coordinator, undertake the Cooperative Education Program.

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 cooperative education placement the student resumes formal studies.

**Notes on the Rules**

(i) First, second and third level units are defined, respectively, to be those listed in the first, second and third schedules to the course rules. In general, it is expected that a second level unit will have one or more first-level prerequisite units. Similarly, a third level unit is likely to have one or more second-level prerequisite units. The unit schedules are shown in the Schedule of Units.

(ii) Instead of the major and minor requirement described in Rule 4, students may, in special circumstances and with the written approval of the Dean, undertake two majors or a major and two minors.

(iii) In the specification of the minor in rule 4 (ii), the term ‘advanced level’ means:

- for those students taking minors from the SC30 Science disciplines, units from schedules 2 and 3 in the SC30 schedules of units, and
for students taking minors from other Faculties, any units which have a prerequisite of at least one other unit.

General Requirements for Majors
The units and specifications listed are the minimum requirements for completion of a major in each discipline.

Bachelor of Applied Science (Applied Chemistry) (CH32)

Location: Gardens Point campus
Course Duration: 3 years full-time, 6 years part-time
Total Credit Points: 288 (minimum)
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Graham Smith

This course has been discontinued. Students completing units from the second and third years of this course should enrol in equivalent units from the Bachelor of Applied Science (SC01) course. A suggested third year program would be as follows:

<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>PCB505 Advanced Physical Chemistry</td>
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<td>PCB514 Instrumental Analysis</td>
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<tr>
<td>PCB554 Synthesis &amp; Reactivity in Organic Chemistry</td>
<td>12</td>
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<tr>
<td>PCB524 Unit Operations</td>
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</table>

Year 3, Semester 2

| PCB634 Organometallic & Coordination Chemistry | 12 | 5 |
| PCB644 Frontiers in Chemistry | 12 | 4 |

Select two of:

| PCB604 Project | 12 | 5 |
| PCB614 Materials Analysis | 12 | 4 |
| PCB624 Process Modelling, Analysis & Evaluation | 12 | 5 |

Bachelor of Applied Science (Mathematics) (MA34)

Location: Gardens Point campus
Course Duration: 3 years full-time, 6 years part-time
Total Credit Points: 288
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Jack Wrigley

Course Requirements
This course will not be offered to new students from 1998. Continuing students select mathematics units from:

List C

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
<th>Semester Offered</th>
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<tr>
<td>MAB312 Linear Algebra</td>
<td>12</td>
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<td>MAB313 Mathematics of Finance</td>
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<tr>
<td>MAB314 Statistical Modelling 2</td>
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<td>MAB315 Operations Research 2</td>
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<td>MAB420 Computational Mathematics 2</td>
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<td>MAB422 Mathematical Modelling</td>
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<td>MAB440 Industry Project (Planning Stage)</td>
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List D
MAB521 Applied Mathematics 3 12 4 1
MAB522 Computational Mathematics 3 12 4 1
MAB523 Introduction to Quality Management 12 4 1
MAB524 Statistical Inference 12 4 1
MAB525 Operations Research 3A 12 4 1
MAB526 Statistical Science 3 12 4 1
MAB613 Partial Differential Equations 12 4 2
MAB621 Discrete Mathematics 12 4 2
MAB623 Financial Mathematics 12 4 2
MAB624 Applied Statistics 3 12 4 2
MAB625 Operations Research 3B 12 4 2
MAB640 Industry Project 24

Non-mathematical units from any Faculty (a maximum of 72 credit points with not more than 48 at first level.

Cooperative Education 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 Cooperative Education Program Coordinator, undertake the Cooperative Education 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 Cooperative Education placement the student resumes formal studies.

Bachelor of Applied Science (Medical Science) (LS37)
Location: Gardens Point campus
Course Duration: 3 years full-time, 6 years part-time
Total Credit Points: 288
Course Coordinator: Dr Trevor Forster

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.

Special Course Requirements
Students in the part-time program should be aware that they are required to attend much of their program during the day.

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.

Part-Time Course Structure (continuing students only)
Students enrolling in the part-time program must consult with the Course Coordinator.

Full-Time Course Structure

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<th>Year 1, Semester 1</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
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<tbody>
<tr>
<td>LSB118 Life Science</td>
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<td>MAB141 Mathematics &amp; Statistics for Medical Science</td>
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<tr>
<td>PCB142 Chemistry 1</td>
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<td>PCB150 Physics 1H</td>
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<td>LSB150 Human Anatomy</td>
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<td>LSB238 Cell Biology</td>
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<td>LSB265 Quantitative Laboratory Practice 3</td>
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<td>PCB242 Chemistry 2</td>
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<td>LSB308 Biochemistry</td>
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<td>LSB320 Quantitative Methods in Life Science 2</td>
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<td>LSB350 General &amp; Systematic Pathology</td>
<td>8</td>
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<tr>
<td>NRB310 Genetics</td>
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<thead>
<tr>
<th>Year 2, Semester 2</th>
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<tbody>
<tr>
<td>LSB410 Metabolism</td>
</tr>
<tr>
<td>LSB400 Microbiology 2</td>
</tr>
<tr>
<td>LSB430 Immunology 1</td>
</tr>
<tr>
<td>LSB450 Haematology 1</td>
</tr>
<tr>
<td>LSB460 Histopathology 1</td>
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<tr>
<td>LSB437 Molecular Biology</td>
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<td>LSB480 Professional Practice</td>
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<tbody>
<tr>
<td>LSB510 Microbiology 3</td>
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<td>LSB520 Clinical Biochemistry 1</td>
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<td>LSB530 Immunology 2</td>
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<td>LSB550 Haematology 2</td>
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<td>LSB560 Histopathology 2</td>
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<tr>
<td>LSB540 Molecular Pathogenesis &amp; Disease Diagnosis</td>
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<tbody>
<tr>
<td>LSB610 Clinical Bacteriology</td>
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<tr>
<td>LSB620 Clinical Biochemistry 2</td>
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<td>LSB630 Immunohaematology</td>
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<td>LSB650 Haematology 3</td>
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<td>LSB660 Histopathology 3</td>
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<tr>
<td>LSB640 Molecular Pathogenesis &amp; Disease Diagnosis 2</td>
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Part-Time Course Structure

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<thead>
<tr>
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<tbody>
<tr>
<td>MAB141 Mathematics &amp; Statistics for Medical Science</td>
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<tr>
<td>PCB142 Chemistry 1</td>
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<th>Year 1, Semester 2</th>
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<tbody>
<tr>
<td>LSB265 Quantitative Laboratory Practice 1</td>
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<td>PCB242 Chemistry 2</td>
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<tr>
<td>LSB118 Life Science</td>
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<td>PCB150 Physics 1H</td>
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<tr>
<td>LSB238 Cell Biology</td>
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<td>LSB250 Human Physiology</td>
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<tbody>
<tr>
<td>LSB308 Biochemistry 1</td>
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<tr>
<td>LSB300 Microbiology 1</td>
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<td>LSB350 General &amp; Systematic Pathology</td>
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</table>

<table>
<thead>
<tr>
<th>Year 3, Semester 2</th>
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<tbody>
<tr>
<td>LSB410 Biochemistry 2</td>
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<tr>
<td>LSB400 Metabolism</td>
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<td>LSB437 Molecular Biology</td>
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<table>
<thead>
<tr>
<th>Year 4, Semester 1</th>
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<tbody>
<tr>
<td>LSB320 Quantitative Methods in Life Science 2</td>
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<thead>
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<th>Year 4, Semester 2</th>
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<tbody>
<tr>
<td>LSB430 Immunology 1</td>
</tr>
<tr>
<td>LSB450 Haematology 1</td>
</tr>
<tr>
<td>LSB460 Histopathology 1</td>
</tr>
<tr>
<td>LSB480 Professional Practice</td>
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</tbody>
</table>
### Bachelor of Applied Science (Medical Radiation Technology) (PH38)

With majors in: Medical Imaging Technology and Radiotherapy Technology

**Location:** Gardens Point campus  

**Course Duration:** 3 years full-time  

**Total Credit Points:** 288  

**Standard Credit Points/Full-Time Semester:** 48

#### Course Coordinator:
Ms Pam Rowntree

#### Coordinators:
- **Medical Imaging Technology Major**: Ms Pam Rowntree  
- **Radiotherapy Technology Major**: Mrs Michelle Oppelaar

#### Full-Time Course Structure for Commencing Students

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
</tr>
</thead>
</table>

#### Year 1, Semester 1

<table>
<thead>
<tr>
<th>Common Units</th>
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<tbody>
<tr>
<td>LSB145 Anatomy 1 &amp; Introductory Pathology</td>
<td>12</td>
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<tr>
<td>PCB007 Patient Care in Professional Practice</td>
<td>12</td>
</tr>
<tr>
<td>PCB107 Physics &amp; Quantitative Techniques</td>
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</tr>
<tr>
<td>PCB178 Principles of Medical Radiations</td>
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#### Year 1, Semester 2

<table>
<thead>
<tr>
<th>Common Units</th>
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<tbody>
<tr>
<td>LSB245 Anatomy 2 &amp; Introductory Pathology</td>
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<tr>
<td>PCB272 Radiation Physics</td>
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#### Medical Imaging Technology Major

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>PCB276 General Radiography 1</td>
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<tr>
<td>PCB277 Radiographic Practice</td>
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</table>

#### Radiotherapy Technology Major

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<table>
<thead>
<tr>
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<tr>
<td>PCB286 Treatment Planning 1</td>
<td>12</td>
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<tr>
<td>PCB287 Megavoltage Therapy 1</td>
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</table>

#### Full-Time Course Structure for Continuing Students

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<thead>
<tr>
<th>Common Units</th>
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<tr>
<td>LSB321 Systematic Pathology</td>
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<tr>
<td>LSB345 Regional and Imaging Anatomy 1</td>
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</tr>
</tbody>
</table>

#### Medical Imaging Technology Major

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>PCB375/1 Radiographic Equipment</td>
<td>12</td>
</tr>
<tr>
<td>PCB377 General Radiography 2</td>
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</tr>
<tr>
<td>PCB379 Clinical Radiography 1</td>
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<tr>
<td>Radiotherapy Technology Major</td>
<td>PCB396/1 Radiotherapy Planning and Physics</td>
</tr>
<tr>
<td>PCB397 Megavoltage Therapy 2</td>
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<tr>
<td>PCB389 Clinical Radiotherapy 1</td>
<td>6</td>
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</tbody>
</table>

**Year 2, Semester 2**

**Common Units**

| LSB445 Regional and Imaging Anatomy 2 | 12 | 4 |

**Medical Imaging Technology Major**

| PCB375/2 Radiographic Equipment | 12 | 2 |
| PCB476 Special Procedures | 12 | 5 |
| PCB479 Clinical Radiography 2 | 6 | 4 |
| PCB477 Complementary Imaging Techniques | 12 | 4 |

**Radiotherapy Technology Major**

| PCB396/2 Radiotherapy Planning and Physics | 12 | 4 |
| PCB497 Megavoltage Therapy 3 | 12 | 6 |
| PCB489 Clinical Radiotherapy 2 | 6 | 4 |
| PCB495 Computer Assisted Treatment Planning 1 | 12 | 5 |

**Year 3, Semester 1**

**Common Units**

| PCB575 Medical Radiation Computing 2 | 8 | 3 |
| PCB672/1 Project | 12 | 1 |

**Medical Imaging Technology Major**

| LSB421 Imaging Pathology | 4 | 2 |
| PCB577 Quality Assurance/Image Evaluation | 8 | 4 |
| PCB576 Advanced Radiographic Technique 1 | 8 | 4 |
| PCB580/1 Clinical Radiography 3 | 8 | 4 |
| PCB681 Computed Tomography Imaging | 12 | 4 |

**Radiotherapy Technology Major**

| PCB587 Specialised Radiotherapy Technique 1 | 12 | 6 |
| PCB589 Clinical Radiotherapy 3 | 8 | 4 |
| PCB685 Computer Assisted Treatment Planning 2 | 12 | 6 |
| PCB485/2 Principles of Treatment | 4 | 3 |

**Year 3, Semester 2**

**Common Units**

| PCB674 Radiation Safety & Biology | 8 | 3 |
| PCB672/2 Project | 12 |

**Medical Imaging Technology Major**

| PCB676 Advanced Radiographic Technique 2 | 12 | 4 |
| PCB580/2 Clinical Radiography 3 | 8 | 6 |
| PCB578 Image Interpretation | 4 | 2 |
| PCB682 Magnetic Resonance Imaging | 8 | 3 |

**Radiotherapy Technology Major**

| PCB683 Oncological Imaging | 8 | 3 |
| PCB687 Specialised Radiotherapy Technique 2 | 12 | 6 |
| PCB689 Clinical Radiotherapy 4 | 8 | 4 |

---

**Bachelor of Applied Science (Medical Radiation Technology) (PH90)**

This course is being phased out and is available only to continuing students.

**Conversion Course with Majors in:** Medical Imaging Technology and Radiotherapy Technology

**Location:** Gardens Point campus

**Course Duration:** 2 years part-time for holders of a Diploma in Radiography (QUT) or equivalent or 3 years part-time for holders of an Associate Diploma in Radiography (QUT) or equivalent. The programs are also available over half the duration mentioned above in full-time mode.

**Total Credit Points:** 96 (diploma holders), 144 (associate diploma holders)
Standard Credit Points/Part-Time Semester: 24
Course Coordinator: Associate Professor Brian J. Thomas

Coordinators:
Medical Imaging Technology Major: Ms Pam Rowntree
Radiotherapy Technology Major: Mrs Michelle Oppelaar

Part-Time Course Structure for Diploma Holders
(for continuing students)

<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
<th>Common Unit</th>
<th>Credit Points</th>
<th>Contact Hrs/ Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB673/1 Project</td>
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<td>12</td>
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</tbody>
</table>

Medical Imaging Technology Major

| PCB575 | Medical Radiation Computing 2 | 8 | 3 |
| PCB577 | Quality Assurance/Image Evaluation | 8 | 3 |
| PCB681 | Computed Tomography Imaging | 10 | 5 |

Radiotherapy Technology Major

| PCB685 | Computer Assisted Treatment Planning 2 | 8 | 4 |
| PCB889 | Advanced Radiotherapeutic Practice 2 | 20 | 4 |

Year 3, Semester 2

| Common Unit | Project | 12 |

Medical Imaging Technology Major

| PCB578 | Image Interpretation 1 | 4 | 2 |
| PCB600 | Advanced Practice 2 | 12 | 4 |

Radiotherapy Technology Major

| PCB687 | Specialised Radiotherapy Technique 2 | 12 | 4 |

= Associate Degree in Applied Science (Biology)

Associate Degree in Applied Science (Chemistry) (SC12)

Location: Gardens Point campus
Course Duration: 2 years full-time, 4 years part-time
Total Credit Points: 192
Standard Credit Points/Full-Time Semester: 48
Course Coordinator: Dr Graham Smith

Full-Time Course Structure
This course has been discontinued. Continuing students should consult with the Course Coordinator concerning their enrolment.

= Associate Degree in Applied Science (SC15)

With majors in: Chemistry and Medical Laboratory Techniques
Location: Gardens Point campus
Course Duration: 2 years full-time, 4 years part-time
Total Credit Points: 192
Standard Credit Points/Full-Time Semester: 48
Course Coordinators:
Chemistry: Dr Graham Smith
Medical Laboratory Techniques: Dr Trevor Forster

Full-Time Course Structure
The first semester is common to both majors.
### Year 1, Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
<th>Contact Hrs/Wk</th>
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<tbody>
<tr>
<td>ITA840</td>
<td>Introduction to Computing</td>
<td>8</td>
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<tr>
<td>LSA123</td>
<td>General Biology</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>MAA251</td>
<td>Statistics &amp; Data Processing</td>
<td>8</td>
<td>3</td>
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<tr>
<td>PCA110</td>
<td>Laboratory Techniques</td>
<td>8</td>
<td>3</td>
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<tr>
<td>PCA140</td>
<td>Chemistry</td>
<td>8</td>
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<tr>
<td>PCA154</td>
<td>Introductory Physics</td>
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### Year 1, Semester 2

#### Chemistry Major

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<tr>
<td>PCA210</td>
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<td>PCA240</td>
<td>Instrumental Techniques</td>
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<td>PCB142</td>
<td>Chemistry 1</td>
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<tr>
<td>PCB402</td>
<td>Chemicals in Society</td>
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#### Medical Laboratory Techniques Major

<table>
<thead>
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<tr>
<td>LSA221</td>
<td>Biological Chemistry</td>
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<tr>
<td>LSA222</td>
<td>Laboratory Instrumentation</td>
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<tr>
<td>LSA223</td>
<td>Microbiology</td>
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<td>LSA224</td>
<td>Pathology</td>
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<td>LSA225</td>
<td>Anatomy &amp; Physiology</td>
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### Year 2, Semester 1

#### Chemistry Major

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<thead>
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<td>Chemistry 2</td>
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<td>PCB314</td>
<td>Concepts in Analytical Chemistry</td>
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<td>PCB305</td>
<td>Principles of Physical Chemistry</td>
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#### Medical Laboratory Techniques Major

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<tr>
<td>LSA320</td>
<td>Clinical Biochemical Techniques 1</td>
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<td>LSA321</td>
<td>Clinical Microbiological Techniques 1</td>
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<td>4</td>
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<td>LSA322</td>
<td>Haematological Techniques 1</td>
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<td>4</td>
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<td>LSA323</td>
<td>Histological Techniques 1</td>
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<td>LSA324</td>
<td>Immunological Techniques</td>
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<td>LSA325</td>
<td>Cytological Techniques 1</td>
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### Year 2, Semester 2

#### Chemistry Major

<table>
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<td>PCA420</td>
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<td>PCA450</td>
<td>Organic Chemistry 3</td>
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#### Medical Laboratory Techniques Major

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<td>Clinical Biochemical Techniques 2</td>
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<td>LSA421</td>
<td>Clinical Microbiological Techniques 2</td>
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<td>LSA422</td>
<td>Haematological Techniques 2</td>
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<td>LSA423</td>
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<td>Transfusion Techniques</td>
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<td>LSA425</td>
<td>Cytological Techniques 2</td>
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Part-time programs can be organised in consultation with the Course Coordinators. Refer to the full-time program for semester of offering of units. Day release will be required for most units.
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* subject to final approval
This section provides synopses of the units offered in the ‘Academic Programs’ section of this Handbook.

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**

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**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
- A = Associate Diploma
- T = Associate Diploma in Engineering*
- S = Special Units
- Z = Offshore Offering

* Codes to be phased out as existing QUT courses are reaccredited.

**PREREQUISITE AND CO-REQUISITE UNITS**

For definitions of the terms prerequisite and co-requisite unit(s), refer to Rule 1.8.2 of the Student Rules, Policies and Procedures in this Handbook.
■ AAB001 RESEARCH PROJECT
Students enrolled in the BA (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. Candidates are also required to write a dissertation of 5000 to 8000 words which supports and reflects upon the practical, creative project. Courses: AA82 
Credit points: 12  Contact hours: 3 per week

■ AAB002 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: AA40  
Credit points: 12  Contact hours: 3 per week

■ AAB004 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: AA40, AT22 
Credit points: 12  Contact hours: 3 per week

■ AAB005 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: AA40  
Prerequisites: Minimum course GPA of 5, and approval of Course Coordinator 
Credit points: 12 
Contact hours: 3 per week

■ AAB011 MUSIC THEATRE SKILLS
Provides students with an introduction to practical skills development in acting, dancing and singing for music theatre. Courses: AA09, AA21 (Acting Strand only), AA91  
Credit points: 12  Contact hours: 4 per week

■ AAB012 MUSIC THEATRE PROJECT
Studio-based performance project combining dance, acting and music students. Courses: AA09, AA21 (Acting Strand only), AA91  
Prerequisites: AAB011  
Credit points: 12  Contact hours: 10 per week for 8 weeks

■ AAB051 ARTS IN SOCIETY
Contemporary and historical perspectives on the relation between art and society. Relevant themes and theories include fine art, modernism and the avant-garde, culture and utilitarianism, art and politics, representation and sexuality, patronage and institutions, cultural studies, postmodern art and technological change and cross-cultural encounters. A purpose-designed CD-ROM focusing across Australian arts exemplifies the lecture series. Courses: AA11, AA21, AA91, AA71, AA81  
Credit points: 12  
Contact hours: 3 per week

■ AAB055 PROFESSIONAL PRACTICE
Through secondment to professional organisations, final year students gain insights into the practical application of their course work. Access to this unit is reserved for students who have demonstrated an outstanding level of self-directed learning and a high level of requisite skills. Courses: AA11, AA21, AA91, AA71  
Prerequisites: Minimum course GPA of 5 and approval of Course Coordinator. 
Credit points: 12

■ AAB056 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: AA11, AA21, AA91, AA71, IF78  
Credit points: 12  Contact hours: 3 per week

■ AAB057 INDEPENDENT STUDY
With the approval of the Unit Coordinator, the student constructs and executes a project in an area of their own choice. The project may be theoretical in the field of scholarship, practical intensive discipline work or experimental. 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: AA11, AA21, AA91, AA71  
Prerequisites: Minimum course GPA of 5  
Credit points: 12

■ AAB058 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: AA11, AA21, AA91, AA71  
Credit points: 12  Contact hours: 3 per week

■ AAB059 HYBRID ARTS PROJECT
Students may develop group cross-disciplinary projects or participate in a scheduled cross-disciplinary arts project, with the approval of the Unit Coordinator. Readings in inter-disciplinary arts will be required. Approved or scheduled projects will develop new work in a workshop environment and lead to appropriate presentation with reflective analysis. Projects must receive the approval of the Coordinator in the semester prior to execution. Courses: AA11, AA21, AA91, AA71  
Prerequisites: Notable achievement in major area of study  
Credit points: 12  
Contact hours: 2 lectures and weekly online tutorials plus 3 x 1 hour in person seminar

■ AAB060 APPLIED RESEARCH METHODOLOGIES
Students apply learning and understanding of arts research methods to their identified projects. The unit includes research proposal, literature review, conceptual frameworks, methodology, data collection and analysis and report publishing. Courses: AA11, AA21, AA91, AA71  
Credit points: 12  
Contact hours: 3 per week

■ AAB061 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: AA11, AA21, AA91, AA71  
Credit points: 12 
Contact hours: 3 per week

■ AAB062 ARTS EVENT PROMOTION & 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: AA11, AA21, AA91, AA71  
Credit points: 12  Contact hours: 3 per week

■ AAB063 THE ARTS ENVIRONMENT
Government arts funding and corporate philanthropy; new media technologies and the arts; internationalism and interculturalism; the politics and economics of the arts as Production; selling Arts and the Artist. Prerequisites: Nil

■ AAB064 VISUAL & 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 artforms on selected Asian arts practices. Courses: AA11, AA21, AA71, AA81, AA91, IF78  
Credit points: 12  
Contact hours: 3 per week
UNIT SYNOPSES

- AAB100 COMPOSITION 1
  Introduction to improvisation and choreographic devices; exploration of the fundamental concepts of time, space and energy; experimentation in the use of dance to express ideas.
  Courses: AA11, IF75, IF76, IF77
  Credit points: 12  Contact hours: 2 per week

- AAB106 DANCE ANALYSIS & HISTORY 2
  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: AA11, IF75, IF76
  Credit points: 12  Prerequisites: AAB125
  Contact hours: 2 per week

- AAB114 DANCE IN AUSTRALIAN SOCIETY
  A study of the ritual, artistic and social functions of dance in contemporary Australian society.
  Courses: AA11, IF75, IF76
  Credit points: 12  Contact hours: 3 per week

- AAB116 DANCE IN THE COMMUNITY
  Identifying community groups and issues; functions and benefits of dance in the community; political and social role of the dance artist; philosophy and practice of community arts in Australia; funding and planning procedures; adaptation of dance skills.
  Courses: AA11
  Credit points: 12  Contact hours: 3 per week

- AAB117 DANCE IN EDUCATION
  Introduction to the philosophy and practice of dance education, particularly the areas of performance, choreography and appreciation. Appropriate for students planning a career in either primary or secondary education sectors.
  Courses: AA11, IF75, IF76
  Credit points: 12  Contact hours: 3 per week

- AAB125 DANCE ANALYSIS & HISTORY 1
  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: AA11, IF75, IF76
  Credit points: 12  Contact hours: 3 per week

- AAB158 ADVANCED COMPOSITION 1
  Exploration of how dance creates meaning: the aesthetic questions that have emerged out of the last major choreographic movement; an exploration of possible future directions.
  Courses: AA11
  Credit points: 12  Contact hours: 2 per week

- AAB159 ADVANCED COMPOSITION 2
  Contact improvisation and its use as a basis for the development of partner work; the range of traditional and non-traditional forms available to the choreographer when working with groups of varying sizes.
  Courses: AA11  Prerequisites: AAB158
  Credit points: 12  Contact hours: 2 per week

- AAB168 PERFORMANCE STUDIES 1
  Development of outstanding practical skills in a variety of dance styles and exploration of the ways the performer provides a resource for the choreographer. Repertoire and the processes involved in the learning, rehearsing and performing of different styles of choreographic work.
  Courses: AA11
  Credit points: 12

- AAB169 PERFORMANCE STUDIES 2
  Further development of skills in both technical and artistic expression aligned with the exploration of the rehearsal and performing work ethic.
  Courses: AA11  Prerequisites: AAB168
  Credit points: 12

- AAB171 DANCE STYLES 1
  Folk and tap styles essential steps and various combinations.
  Courses: AA11, IF75
  Credit points: 12  Contact hours: 3 per week

- AAB172 DANCE STYLES 2
  Folk and jazz styles, essential steps and various combinations.
  Courses: AA11
  Credit points: 12  Contact hours: 3 per week

- AAB176 JAZZ & POPULAR DANCE
  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: AA11, IF75
  Credit points: 12  Contact hours: 3 per week

- AAB180 DANCE TECHNIQUE STUDIES 1
  Students attend daily ballet technique class within the Levels System. Theoretical studies relating to the technique will form part of the unit content.
  Courses: AA11, IF75, IF76, IF77
  Credit points: 12  Contact hours: 6 per week

- AAB181 DANCE TECHNIQUE STUDIES 2
  Continuation of Dance Technique Studies 1
  Courses: AA11, IF75
  Credit points: 12  Contact hours: 6 per week

- AAB182 DANCE TECHNIQUE STUDIES 3
  Students attend daily ballet technique class within the Levels System. Theoretical studies relating to the technique will form part of the unit contents.
  Courses: AA11, IF75
  Credit points: 12  Contact hours: 7.5 per week

- AAB183 DANCE TECHNIQUE STUDIES 4
  Continuation of Dance Technique Studies 3
  Courses: AA11, IF75
  Credit points: 12  Contact hours: 7.5 per week

- AAB184 TECHNIQUE OPTIONS 1
  Students undertake a daily class, within the Levels system, in either ballet or contemporary technique.
  Courses: AA11
  Credit points: 8  Contact hours: 8 per week

- AAB185 TECHNIQUE OPTIONS 2
  Continuation of Technique Options 1
  Courses: AA11  Prerequisites: AAB184
  Credit points: 8  Contact hours: 8 per week

- AAB186 TECHNIQUE OPTIONS 3
  Continuation of Technique Options 2
  Courses: AA11  Prerequisites: AAB185
  Credit points: 8  Contact hours: 8 per week

- AAB187 COMPOSITION 2
  Extends the students knowledge and skills of dance composition and provides opportunity for choreographic experimentation. Focus on movement, content and form. Music, costume and lighting will be considered in its relationship to developing performance work.
  Courses: AA11, IF75  Prerequisites: AAB100
  Credit points: 6  Contact hours: 2 per week

- AAB188 DANCE COMPOSITION 3
  Further development of skills acquired in Dance Composition 2.
  Courses: AA11, IF75  Prerequisites: AAB187
  Credit points: 6  Contact hours: 2 per week

- AAB202 ACTING 1
  Designated unit. Focuses on the actor’s instrument, using a series of exercises that deal specifically with whatever impedes the actor’s personal truth, and unblocking instrumental blocks to emotional expression. Work incorporates Stage and Camera requirements.
  Courses: AA21
  Credit points: 12  Contact hours: 14 per week

- AAB203 ACTING 2
  Designated unit. Continuation of the Instrument Work and the introduction of Craft Techniques, dealing with contemporary
Naturalistic texts for Stage and Film and Television.
Courses: AA21
Credit points: 12
Contact hours: 21 per week

■ AAB204 VOICE & 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: AA21
Credit points: 12
Contact hours: 6 per week

■ AAB205 VOICE & MOVEMENT 2
Continuation of the development of a free, responsive actor’s instrument. Combat, singing, mask work continue. Introduction to Naturalistic text.
Courses: AA21
Credit points: 12
Contact hours: 6 per week

■ AAB208 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: AA21, IF76
Credit points: 12
Contact hours: 3 per week

■ AAB214 PROCESS DRAMA
Workshops involving individual, face-to-face and group 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; distorting devices; reflection, re-enactment and remaking.
Courses: AA21, IF76
Credit points: 12
Contact hours: 3 per week

■ AAB233 VOICE & 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: AA21
Credit points: 12
Contact hours: 6 per week

■ AAB234 VOICE & 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: AA21
Credit points: 12
Contact hours: 6 per week

■ AAB235 VOICE & 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: AA21
Credit points: 12
Contact hours: 6 per week

■ AAB247 ACTING 3
Designated unit. Continuation of the development of a personal working process through rehearsal and performance of increasingly complex texts.
Courses: AA21
Credit points: 12
Contact hours: 20 per week

■ AAB248 ACTING 4
Designated unit. Advanced unit dealing with role, character creation and playing in large spaces and dealing with non-Naturalistic texts.
Courses: AA21
Credit points: 12
Contact hours: 20 per week

■ AAB251 STUDIES IN THEATRE HISTORY 1
The first in a series of three Theatre History units, this examinies the three major theatre movements of the twentieth century: Realism, Epic Theatre and Theatre of the Avant Garde.
Courses: AA21, IF76
Credit points: 12
Contact hours: 3 per week

■ AAB252 STUDIES IN THEATRE HISTORY 2
Explores theatre genres where structure has played a major role. Heightened and stylised language, music theatre, spectacle and multimedia.
Courses: AA21, IF76
Credit points: 12
Contact hours: 3 per week

■ AAB253 THEATRE HISTORY 3 – AUSTRALIAN THEATRE
Key concepts and practices pertaining to Australian theatre and drama of the twentieth century, including indigenous performance, post-colonialism, the “Bush Drama” tradition, and contemporary practice. The unit augments understandings developed in other Theatre History units.
Courses: AA21, IF76
Credit points: 12
Contact hours: 3 per week

■ AAB255 THEATRE PRODUCTION 1
Students participate in a season of semi-profiled performance projects. Acting students working as an ensemble perform in roles for video and theatre. TPM students work in a range of organisation and technical roles.
Courses: AA21
Prerequisites: AAB248 or AAB291
Corequisites: AAB294 (TPM students only )
Credit points: 24
Contact hours: 20 per week

■ AAB256 THEATRE PRODUCTION 2
Students participate in a season of profiled performance projects. The season gives Acting and TPM students the opportunity to demonstrate their skills to potential employers in the industry.
Courses: AA21
Prerequisites: AAB255
Credit points: 36
Contact hours: 20 per week

■ AAB257 ACTING STUDIES 1
Introduction to the work of Stanislavski and a number of his key interpreters including Cohen, Benedetti, Hagen, Adler and Moore. A range of acting styles is explored including an examination of Brecht’s theories of performance.
Courses: AA21
Prerequisites: AAB255
Credit points: 12
Contact hours: 3 per week

■ AAB258 ACTING STUDIES 2
Introduction to methods of script analysis and style analysis appropriate for a practical exploration of Shakespearean play texts. Students explore and rehearse selected scenes from a number of Shakespearean plays.
Courses: AA21, IF76
Credit points: 12
Contact hours: 3 per week

■ AAB259 THE PERFORMANCE INSTRUMENT: BODY & VOICE
Understanding vocal and physical patterns; application of integrated approach to body and voice in personal expression.
Courses: AA21, IF76
Credit points: 12
Contact hours: 3 per week

■ AAB271 STUDIES IN DIRECTING
History of the development of the role of the director: theoretical study of key major directors in West European tradition as well as key Australian directors. Practical work includes rehearsal techniques and problem-solving exercises.
Courses: AA21, IF76
Credit points: 12
Contact hours: 3 per week

■ AAB272 DRAMA & COMMUNITY CULTURAL DEVELOPMENT
Examination of a range of community arts projects. Interrogation of the concepts of community, culture and development; cultural development and its relationship to art and the new technologies.
Courses: AA21, IF76
Credit points: 12
Contact hours: 3 per week
AAB273 PERFORMANCE
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: AA21, IF76
Prerequisites: AAB202
Credit points: 12
Contact hours: 15 per week for five weeks commencing after mid-semester break

AAB274 THEATRE CRAFT
Development of practical skills in workshop construction and pre-production areas of stage scenery, props and costumes.
Courses: AA21
Prerequisites: AAB289
Credit points: 12
Contact hours: 6 per week

AAB275 READING PERFORMANCE
Theories of analysis: script to performance, semiotics, hermeneutics, reception studies, anthropology, phenomenology; theatrical actions and reactions, feminist studies. Objects of analysis include the classics, video/film, musicals, dance theatre, installations, stand-up comedy, opera, hybrid art forms and street theatre.
Courses: AA21, AA40, IF76
Credit points: 12
Contact hours: 3 per week

AAB276 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: AA21, IF76
Credit points: 12
Contact hours: 3 per week

AAB277 PHYSICAL THEATRE
Students will experience a range of physical skills within the context of non-text based performance taught by professional theatre practitioners.
Courses: AA21, IF76
Credit points: 12
Contact hours: 3 per week

AAB278 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: AA21, IF76
Credit points: 12
Contact hours: 3 per week

AAB280 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: AA21, ED22, ED50, IF76
Prerequisites: AAB214
Credit points: 12
Contact hours: 3 per week

AAB289 TECHNICAL PRODUCTION 1
Development of basic skills in theatrical lighting and sound operation and their integration into the overall production process.
Courses: AA21
Credit points: 12
Contact hours: 6 per week

AAB290 TECHNICAL PRODUCTION 2
Continuation of creative use of lighting and sound in performances. Introduction to lighting and sound design.
Courses: AA21
Prerequisites: AAB274 and AAB292
Credit points: 12
Contact hours: 6 per week

AAB291 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: AA21
Prerequisites: AAB290
Corequisites: AAB293
Credit points: 12
Contact hours: 21 per week

AAB292 STAGE & TECHNICAL 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: AA21
Prerequisites: AAB289
Corequisites: AAB274
Credit points: 12
Contact hours: 4 per week

AAB293 STAGE & TECHNICAL 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: AA21
Prerequisites: AAB292
Corequisites: AAB291
Credit points: 12
Contact hours: 4 per week

AAB294 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: AA21
Prerequisites: AAB291 and AAB293
Credit points: 12
Contact hours: 4 per week

AAB304 FORMING KNOWLEDGE
The approaches to art taken by major aestheticians; the characteristics and significance of the aesthetic field; the way the arts contribute to the development of mind and knowledge; modes of knowing, propositional knowledge and tacit understanding.
Courses: AA21
Credit points: 12
Contact hours: 3 per week

AAB306 DIRECTING FOR THEATRE
Analysis of the directors role in production management including play selection, resource auditing, pre-production analysis, time, budget and resource planning, design, technical effects, promotion and publicity and the responsibilities of health, safety and ethical issues.
Courses: AA21
Credit points: 12
Contact hours: 3 per week

AAB307 WRITING FOR PERFORMANCE
Approaches to the creative process of writing text for drama. The principal standpoint adopted is that of the writer but there is a secondary focus on script development from the point of view of the dramaturg. Both roles are considered in the working environment of Australian writers of drama. Most of the writing generated by students will be for the stage; but those who can demonstrate background in other media may be permitted to apply the principles and skills of dramatic writing in that context.
Courses: AA21
Credit points: 12
Contact hours: 4 per week

AAB412 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
Credit points: 12
Contact hours: 3 per week

AAB413 ART CURRICULUM STUDIES 2
Extends AAB412; 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: AAB412
Credit points: 12
Contact hours: 3 per week
AAB414 DRAMA CURRICULUM STUDIES 1
Students develop and teaching skills in selected curriculum areas; 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.

Courses: ED55, IF76
Prerequisites: 96 credit points in each relevant discipline area
Credit points: 12
Contact hours: 4 per week

AAB415 DRAMA CURRICULUM STUDIES 2
Extends AAB414; 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: ED55, IF76
Prerequisites: AAB414
Credit points: 12
Contact hours: 4 per week

AAB444 VISUAL ARTS OF ASIA
Development of an understanding and awareness of non-Western art forms. The influences of historical backgrounds, philosophical beliefs and trade on the symbolism, forms, techniques and uses of various artefacts.

Courses: AA71, IF78
Credit points: 12
Contact hours: 3 per week

AAB447 DRAWING
Examination of established systems of drawing by historical reference and exploration of materials; methods by which shape and volume can be determined by drawing techniques; the line as a means of expression and communication; methods and techniques for creating solid form; perspective; rendering; perceptual organisation and expressive effects; use of drawing for teachers who require visual expression and delineation within their areas.

Courses: AA71, ED22, ED50, IF78
Credit points: 12
Contact hours: 3 per week

AAB457 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: AA71, ED22, ED26, ED50, ED51, ED52, IF78
Credit points: 12
Contact hours: 3 per week

AAB616 ENSEMBLE 1
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. Year long unit.

Courses: and contact hours the same as 1998
Prerequisites: permission of the Unit Coordinator

AAB617 CHORAL & INSTRUMENTAL ARRANGING
Development of composition & arranging skills for instrumental/choral ensembles using music of various styles.

Courses: AA91, IF77
Prerequisites: AAB630
Credit points: 12
Contact hours: 3 per week

AAB618 COMPOSITION FOR FILM & 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: AA91, IF77
Prerequisites: AAB619 or AAB604 or equivalent
Credit points: 12
Contact hours: 3 per week

AAB619 INTRODUCTION TO MUSIC TECHNOLOGY
Introduces students 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 (Available only with the approval of the unit Co-ordinator).

Credit points: 12
Contact hours: 3 per week

AAB620 POPULAR SONG WRITING
Structures of the popular song. Composing and arranging using MIDI and/or electric and acoustic instruments. Students learn to write lead sheets and have the opportunity to have their work recorded.

Courses: AA91, IF77
Prerequisites: AAB619 or AAB632 or equivalent
Credit points: 12
Contact hours: 3 per week

AAB621 SOUND RECORDING AND ACOUSTIC DESIGN
Introduction to the fundamentals of the physical world of sound, basic signal flow, sound recording and acoustics.

Courses: AA91, AA21, AA81, IF77
Credit points: 12
Contact hours: 3 per week

AAB622 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. (Year-long unit) (Available only with the approval of the unit Coordinator)

Courses: AA91, IF77
Credit points: 12
Contact hours: 1 per week

AAB623 CHORAL CONDUCTING
Introduces students to a wide range of choral 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: AA91, IF77
Prerequisites: AAB601 and AAB632
Credit points: 12
Contact hours: 3 per week

AAB625 INSTRUMENTAL CONDUCTING
Introduces students to a wide range of instrumental works and styles and assists them to achieve artistic objectives in music performance through conducting workshop activities including practical conducting, score preparation and rehearsal techniques.

Courses: AA91, IF77
Prerequisites: AAB601 and AAB604
Credit points: 12
Contact hours: 3 per week

AAB626 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: AA91, IF77
Prerequisites: AAB621
Credit points: 12
Contact hours: 3 per week

AAB627 STUDIO MUSIC TEACHING
Designed to give students a structured approach to the teaching of their craft in the studio and to investigate and develop those pedagogical skills and personal attributes necessary to become successful teachers in this area. (Available only with the approval of the Unit Coordinator)

Courses: AA91, IF77
Prerequisites: AAB641, AAB642 or equivalent
Credit points: 12
Contact hours: 3 per week

AAB628 SECOND STUDY 2
Continues the development of a student’s practical skills through the study of a second instrument or voice. (Year-long unit.)

Courses: AA91, IF77
Prerequisites: AAB622
Credit points: 12
Contact hours: 1 per week

AAB629 ENSEMBLE 2
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. Year long unit.

Courses: and contact hours the same as 1998
Prerequisites: AAB 616 or permission of the Unit Coordinator
Credit points: 12
Contact hours: 3 per week

AAB630 MUSIC TEXTURES
An introduction to the concepts of texture in music, the techniques of orchestration, and other arranging techniques. The study of textural design has been further enriched by recent developments in music technology, enabling music to be heard as pure timbre in the sound media.
Courses: AA91, IF77
Credit points: 12
Contact hours: 3 per week

AAB631 WORLD MUSIC
Through a series of lectures and demonstrations the student will gain an awareness and better understanding of world music, its particular significance within Australia and its impact upon contemporary music.
Courses: AA91, IF77
Credit points: 12
Contact hours: 3 per week

AAB632 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: AA91, IF77
Credit points: 12
Contact hours: 3 per week

AAB633 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: AA91, IF77
Credit points: 12
Contact hours: 3 per week

AAB634 CONTEMPORARY MUSICIANSHIP
(SOUND MEDIA)
Music making processes have changed with developments in new media and media integration. This unit develops skills in this area such as sonic thinking, synthesis, sampling and applying software applications.
Courses: AA91, IF77
Prerequisites: AAB632
Credit points: 12
Contact hours: 5 per week

AAB635 CONTEMPORARY MUSICIANSHIP
(WESTERN ART MUSIC)
This unit offers an in-depth study of major compositional trends, movements and techniques of contemporary western art music, with an emphasis on Australian music. Aural and keyboard musicianship skills are taught within the context of seminal repertoire.
Courses: AA91, IF77
Prerequisites: AAB632
Credit points: 12
Contact hours: 5 per week

AAB636 CONTEMPORARY MUSICIANSHIP
(CROSS-CULTURAL MUSIC)
Music operates in a complex cultural environment fuelled by increased communication and technology. In this unit the student’s ability to recognise, analyse and work in music from a diverse range of cultures is developed.
Courses: AA91, IF77
Prerequisites: AAB632
Credit points: 12
Contact hours: 5 per week

AAB637 CONTEMPORARY MUSICIANSHIP
(JAZZ AND CONTEMPORARY POPULAR MUSIC)
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: AA91, IF77
Prerequisites: AAB632
Credit points: 12
Contact hours: 5 per week

AAB639 ENSEMBLE 3
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. Year long unit.

Courses: and contact hours the same as 1998
Prerequisites: AAB629 or permission of the Unit Coordinator
Credit points: 12
Contact hours: 3 per week

AAB640 SEX, DRUGS, ROCK AND ROLL
Students will gain an insight into the musical, societal, artistic economic and political landscape of the innovative music at the interface of the 20th and 21st centuries including rock and pop music, world music, dance music, indigenous music, new age music etc.
Courses: AA91, IF77
Credit points: 12
Contact hours: 3 per week

AAB641 PRINCIPAL STUDIES A
Designated Unit. Development of strong and reliable technique on a chief practical instrument, voice or composition or production skill. Appropriate interpretation, performance/production skills and public presentation; performance/production seminar directed ensemble.
Courses: AA91, IF77
Credit points: 12
Contact hours: 5 per week

AAB642 PRINCIPAL STUDIES B
Designated Unit. Continued development of strong and reliable technique on a chief practical instrument, voice or composition or production skill. Appropriate interpretation, performance/production skills and public presentation; performance/production seminar and directed ensemble.
Courses: AA91, IF77
Prerequisites: AAB641
Credit points: 12
Contact hours: 5 per week

AAB643 PRINCIPAL STUDIES C
The study of a range of solo/small ensemble repertoire on a chief practical instrument or voice, or the study of a range of compositional or production practices and methods. Repertoire is chosen appropriate to the student’s developing technical and interpretative skills; performance/production seminar and directed ensemble.
Courses: AA91, IF77
Prerequisites: AAB642
Credit points: 12
Contact hours: 5 per week

AAB644 PRINCIPAL STUDIES D
A continuation of the study of solo/small ensemble repertoire on a chief practical instrument or voice, or the study of a range of compositional or production practices and methods. Repertoire is chosen appropriate to the student’s developing technical and interpretative skills; performance/production seminar and directed ensemble.
Courses: AA91, IF77
Prerequisites: AAB643
Credit points: 12
Contact hours: 5 per week

AAB645 PRINCIPAL STUDIES E
Consolidation and extension of performance/production studies leading to a solo-based recording; performance/production seminar, directed ensemble.
Courses: AA91
Prerequisites: AAB644 and consent of the unit coordinator
Credit points: 12
Contact hours: 5 per week

AAB646 PRINCIPAL STUDIES F
Consolidation and extension of performance/production studies leading to a public presentation; performance/production seminar, directed ensemble.
Courses: AA91
Prerequisites: AAB645 and consent of the unit coordinator
Credit points: 12
Contact hours: 5 per week

AAB701 MODERNISM
An examination of the concepts and movements that comprise twentieth-century modernism. Key themes such as avant-
garde, modernism and modernity will be explored in detail, especially in relation to the theory and practice of avant-garde modernism.

Courses: AA71, ED50, IF78
Credit points: 12  Contact hours: 3 per week

AAB712 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: AA71, ED26, ED50
Credit points: 12  Contact hours: 3 per week

AAB726 INTRODUCTION TO ART HISTORY
Introduction to the basic theamtics in the discipline of art history. Topics include approaches to art history; art as a symbolic object; art as commodity; the audience for art; iconography; feminism and art history; semiotics; criticism and art history.

Courses: AA71, IF78
Credit points: 12  Contact hours: 3 per week

AAB728 READINGS IN FEMINISM AND VISUAL ART
Readings in feminism and visual arts.

Courses: AA71, IF78
Credit points: 12  Contact hours: 3 per week

AAB740 FOUNDATION ART PRACTICE 1
Designated unit. Development of a self-sustaining, self-responsible 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.

Courses: AA71, IF78
Credit points: 24  Contact hours: 12 per week

AAB741 FOUNDATION ART PRACTICE 2
Designated unit. Further development of a self-sustaining, self-responsible art practice; expansion of appropriate research skills; broadening of open flexible independent approach to formulating resolutions to conceptual and visual concerns; increased knowledge of safe workshop practices, safe studio work habits and appropriate professional skills.

Courses: AA71, IF78
Credit points: 12  Contact hours: 12 per week

AAB742 STUDIO ART PRACTICE 1
Designated unit. 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: AA71, IF78  Prerequisites: AAB741
Credit points: 12  Contact hours: 6 per week

AAB743 STUDIO ART PRACTICE 2
Designated unit. In consultation with relevant staff, students should develop a program of studio work which builds on the previous semesters studies and sets appropriate goals for this semester. A more rigorous questioning of concept and artefact is required.

Courses: AA71, IF78  Prerequisites: AAB742
Credit points: 12  Contact hours: 6 per week

AAB744 STUDIO ART PRACTICE 3
Studies commenced in year two are expanded and developed through sustained studio practice and independent research at an appropriately advanced level.

Courses: AA71  Prerequisites: AAB743
Credit points: 24  Contact hours: 12 per week

AAB745 STUDIO ART PRACTICE 4
Further development of studio work culminating in a graduating exhibition. (Prerequisite for entry to Honours.)

Courses: AA71  Prerequisites: AAB744
Credit points: 24  Contact hours: 12 per week

AAB751 EXTENDED STUDIO PRACTICE 1
Extension of practical studio units of core media studies or elective studio units. (Note: contract approval by the unit Coordinator is required.)

Courses: AA71, IF78
Credit points: 12  Contact hours: 6 per week

AAB752 EXTENDED STUDIO PRACTICE 2
Extension of practice studio units or core media studies or elective studio units.

Courses: AA71, IF78
Credit points: 12  Contact hours: 6 per week

AAB753 EXTENDED STUDIO PRACTICE 3
Extension of practice studio units or core media studies or elective studio units.

Courses: AA71, IF78
Credit points: 12  Contact hours: 6 per week

AAB754 EXTENDED STUDIO PRACTICE 4
Extension of practice studio units or core media studies or elective studio units.

Courses: AA71, IF78
Credit points: 12  Contact hours: 6 per week

AAB800 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: AA81
Prerequisites: AAB807 (AAB818), AAB808, AAB809, AAB810, AAB803, AAB804  Corequisites: AAB813
Credit points: 12 (year long unit)  Contact hours: 3 per week

AAB801 FOUNDATIONS OF COMMUNICATION DESIGN 1
This unit covers drawing and rendering skills, visual design, graphic design principles, an overview of media, and design practice as they relate to communications technologies.

Courses: AA81  Prerequisites: Nil
Credit points: 12  Contact hours: 3 per week

AAB802 FOUNDATIONS OF COMMUNICATION DESIGN 2
This unit further develops design skills for communications technologies including design priorities, visual systems, refinement of concepts and problem solving through presentation models.

Courses: AA81  Prerequisites: AAB801
Credit points: 12  Contact hours: 3 per week

AAB803 DESIGN STUDIO 1
Introduction to analog video production, video technology, non-linear video editing, and digital media integration techniques.

Courses: AA81  Prerequisites: AAB807 (AAB818), AAB808
Credit points: 12  Contact hours: 3 per week

AAB804 DESIGN STUDIO 2 (DIGITAL & AUDIO PRODUCTION)
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: AA81, AA84  Prerequisites: AAB807 (AAB818), AAB808
Credit points: 12  Contact hours: 3 per week

AAB805 DESIGN STUDIO 3
This unit covers intermediate and advanced interactive project development issues including, concept development, budget-
ing, resourcing and product development. Students also acquire critical skills through the production of intermediate to advanced digital video and audio production, and interactive media productions.

**Courses:** AA81
**Prerequisites:** AA807 (AA818), AA808, AA809, AA810, AA803, AA804
**Credit points:** 12  Contact hours: 3 per week

**AAB806 DESIGN STUDIO 4**
A critique forum for individual final projects. Each student is required to produce a final project for their degree. This unit also covers media and network technology infrastructures and advanced network and CD-ROM production techniques.

**Courses:** AA81
**Prerequisites:** AA807 (AA818), AA808, AA809, AA810, AA803, AA804, AA805
**Credit points:** 12  Contact hours: 3 per week

**AAB807 MEDIA TECHNOLOGY 1**
This unit provides an introduction to visual design and illustration using computer graphics including a practical introduction to authoring software, and network applications.

**Courses:** AA81
**Credit points:** 12  Contact hours: 3 per week

**AAB808 MEDIA TECHNOLOGY 2 (INTRODUCTION TO DIGITAL MEDIA)**
In this unit students explore 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:** AA81, AA84  **Prerequisites:** AA807 (AA818)
**Credit points:** 12  Contact hours: 3 per week

**AAB809 MEDIA TECHNOLOGY 3 (INTERACTIVE DESIGN)**
This unit covers contemporary technical and creative issues involved in the assembly and delivery of interactive digital media including computer animation, advanced software design and advanced visual design.

**Courses:** AA81, AA84  **Prerequisites:** AA807 (AA818), AA808
**Credit points:** 12  Contact hours: 3 per week

**AAB810 MEDIA TECHNOLOGY 4**
This unit introduces students to computer programming, object-orientated programming, custom network applications and design of multi-user systems. Multi-platform delivery is stressed along with how designers can integrate their existing skills into a highly technical domain.

**Courses:** AA81  **Prerequisites:** AA807 (AA818), AA808
**Credit points:** 12  Contact hours: 3 per week

**AAB813 CONTEMPORARY ISSUES IN TECHNOLOGY AND DESIGN**
This unit comprises lectures and tutorials related to current issues in technology, business development and industry strategies. Students also develop and deliver a one hour seminar during semester two and work collaboratively throughout the year on a large electronic publication.

**Courses:** AA81  **Prerequisites:** AA807 (AA818), AA808, AA809, AA810, AA803, AA804  **Corequisites:** AA800
**Credit points:** 12  Contact hours: 3 per week

**AAB814 APPLICATIONS OF DESIGN TECHNOLOGY**
This introductory unit covers current industry issues through guest lecturers, concept-to-product processes created to creative endeavours, project management issues and writing techniques. Students also work in large groups on an electronic publication.

**Courses:** AA81  **Credit points:** 12  Contact hours: 3 per week

**AAB815 EXPERIMENTAL MULTIMEDIA**
This unit encourages students to break from traditional human-computer interface paradigms by building and exploring electronic devices. Using the underlying rationale for human computer interaction this unit looks towards developing lateral approaches to the creative use of technology as well as self-motivated research skills. Students build simple circuits and integrate them into a media production.

**Courses:** AA81  **Prerequisites:** AA807 (AA818), AA808, AA809, AA810 or permission from lecturer
**Credit points:** 12  Contact hours: 3 per week

**AAB816 INTERACTIVE WRITING**
This unit covers specific creative writing and communication skills appropriate to non-linear, digital technologies, and the relationships between the role of a traditional writer and those of technical director, creative director, visual designers and artists and programmers.

**Courses:** AA81, AA84
**Credit points:** 12  Contact hours: 3 per week

**AAB817 SOFTWARE DEVELOPMENT AND 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 BA Communication Design (Honours).

**Courses:** AA81  **Prerequisites:** AA807 (AA818), AA808, AA809, AA810, AA803, AA804
**Credit points:** 12  Contact hours: 3 per week

**AAB818 INTRODUCTION TO MULTIMEDIA TECHNOLOGY**
This unit provides concentrated experience with the software and hardware tools used for creative work in new media. It is a production course that covers electronic publishing, computer graphics and design, animation, and computer programming. It is aimed at both experienced and non-experienced computer users.

**Credit points:** 12  Contact hours: 3 per week

**AAB819 ELECTRONIC PUBLISHING**
Complementing the contents of AAB818 this unit provides a step-by-step introduction to publishing on the internet. Concepts related to project management, graphic design and multimedia are introduced in an intensive, practical way.

**Courses:** AA84
**Credit points:** 12  Contact hours: 3 per week

**AAB850 RESEARCH AND DEVELOPMENT**
This unit provides students with an overview of research and development issues as they apply to various industry contexts. Project planning and documentation, marketing, legal issues and academic writing issues are covered through seminars, written assignments and oral presentations. This unit also provides the tools required for students to be properly prepared to finish their major project and are able to complete a related thesis.

**Courses:** AA82
**Credit points:** 12  Contact hours: 3 per week

**AAB911 EXPLORING MUSIC 1**
Aural awareness, literacy and musicianship through vocal skills, both solo and ensemble.

**Courses:** ED51
**Credit points:** 12  Contact hours: 3 per week

**AAB912 EXPLORING MUSIC 2**
Various musical forms as a means of developing composition and arranging skills, and an awareness of stylistic develop-
ments. Various rehearsal and performing techniques will be developed.

Courses: ED51  Prerequisites: AAB911  Credit points: 12  Contact hours: 3 per week

■ AAB913 EXPLORING MUSIC 3
A series of lectures on score reading, sight-singing, ensemble work and rehearsal skills. Aural training, music writing techniques and music technology skills are developed.

Courses: ED51  Prerequisites: AAB912  Credit points: 12  Contact hours: 3 per week

■ AAB914 VISUAL & PERFORMING ARTS CURRICULUM 1
An in-depth study of two areas from dance, drama, music or the visual arts; the place of the arts in a balanced curriculum; defining the arts; differences and commonalities; the arts and knowledge; the arts and integration across the primary curriculum.

Courses: ED51, ED56, IF82, IF84  Credit points: 12  Contact hours: 3 per week

■ AAB916 ADVANCED VISUAL & 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  Credit points: 12  Contact hours: 3 per week

■ AAB918 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  Credit points: 12  Contact hours: 3 per week

■ AAN006 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 6,000-10,000 words, or equivalent if other media/reportage is used.

Courses: AA24  Credit points: 12

■ AAN011 ADVANCED PROFESSIONAL PRACTICE 1
An investigation of the student’s professional practice through observation and research in consultation with the supervisor.

Courses: AA24  Credit points: 12

■ AAN012 ADVANCED PROFESSIONAL PRACTICE 2
Extension and elaboration of the student’s professional practice through evaluation and analysis in consultation with the supervisor.

Courses: AA24  Credit points: 12

■ AAN013 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: AA24  Credit points: 24

■ AAN014 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: AA24  Credit points: 12

■ AAN016 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: AA24  Credit points: 12

■ AAN200 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: AA24, AA40  Credit points: 12  Contact hours: 2 per week

■ AAN202 TEXTUAL ANALYSIS
Analysis of a variety of cultural products selected from a cross-section of contexts, genre and media; an introduction to some of the major theoretical issues and concerns underlying contemporary developments in the fields of cultural analysis and literary criticism.

Courses: AA24, AA40  Credit points: 12  Contact hours: 2 per week

■ AAN851 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.

Credit points: 48

■ AAP104 SAFE DANCE PRACTICE
Focuses on the knowledge and understanding of the most up to date information regarding safe dance practices. Practical activities will focus on the implications of current research in safe dance to dance teaching and learning. Reflects a holistic approach to training in dance by considering a diverse range of issues such as basic anatomy and physiology, developmental issues, injury prevention and management strategies, nutrition and lifestyle management.

Courses: AA06, AA07  Credit points: 12  Contact hours: N/A external study

■ AAP125 DANCE ANALYSIS AND HISTORY
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 a variety of contexts.

Courses: AA06, AA07  Credit points: 12  Contact hours: N/A external study

■ AAP181 DANCE TECHNIQUE 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: AA06, AA07  Credit points: 12  Contact hours: a week residency

■ AAP189 DANCE ASSESSMENT AND REPORTING PROCEDURES
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: AA06, AA07  Credit points: 12  Contact hours: N/A external study
AAP190 PROFESSIONAL PRACTICE AND BUSINESS ADMINISTRATION 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: AA06, AA07
Credit points: 12 Contact hours: N/A external study

AAP191 DANCE TEACHING METHODOLOGIES
Provides students with the opportunity to investigate and explore dance teaching issues relevant 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: AA06, AA07
Credit points: 12 Contact hours: N/A external study

AAP192 STAGECRAFT AND COSTUME DESIGN 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 and budgeting for design.
Courses: AA06, AA07
Credit points: 12 Contact hours: N/A external study

AAP420 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.
Prerequisites: AAP420 Corequisites: EDP451
Credit points: 12 Contact hours: 3 per week

AAP421 DRAMA CURRICULUM STUDIES 1
See AAP421
Courses: ED32, ED37
Prerequisites: AAP420 Corequisites: EDP451
Credit points: 12 Contact hours: 3 per week

AAP422 MUSIC CURRICULUM STUDIES 1
See AAP422
Courses: ED32, ED37, IF75, IF76
Prerequisites: AAP420 Corequisites: EDP451
Credit points: 12 Contact hours: 3 per week

AAP423 DANCE CURRICULUM STUDIES 2
Advanced practical applications in assessment, curriculum planning and teaching/learning strategies relevant to dance education.
Courses: ED37, IF75, IF76
Credit points: 12 Contact hours: 3 per week

AAP431 MUSIC CURRICULUM STUDIES 2
See AAP430
Courses: ED32, ED37, IF77
Corequisites: EDP451
Credit points: 12 Contact hours: 3 per week

AAP432 MUSIC CURRICULUM STUDIES 2A
Extension studies in methods of teaching and curricula relevant to specialist teachers of instrumental, secondary or primary music.
Courses: ED37, IF77
Prerequisites: AAP428 Corequisites: AAP431
Credit hours: 3 per week

AAP434 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: ED37, IF77
Credit points: 12

AAP501 ART CURRICULUM FOUNDATIONS
The aims, content and agenda of historical and contemporary art education orientations; assumptions by movements in relation to art theories, child development, teachers role and classroom practice; investigation of strengths and weaknesses, theory and practice and historical, social and intellectual influence on past and present art education philosophies.
Courses: ED22, ED26
Credit points: 12 Contact hours: 3 per week

AAP503 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, AA71, IF78
Credit points: 12 Contact hours: 3 per week

AAP507 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, AA71, IF78
Credit points: 12 Contact hours: 3 per week

AAP509 PHOTOGRAPHIC MEDIA
Photographic processes; aesthetic aspects of photography; history of art and photography; personal approaches to photography.
Courses: ED22, ED26, ED50, ED51, AA71, IF78
Credit points: 12 Contact hours: 3 per week

AAX104 DANCE KINESIOLOGY & ALIGNMENT
Principles governing human stability and motion; ways muscles work to produce dance movement; machines of the body; movement and dance injuries; alternative body therapies will be discussed; conditioning techniques for dancers including stretching and strengthening.
Courses: AA09, AA11
Credit points: 12 Contact hours: 3 per week

AAX111 REPERTOIRE & PRACTICE PERIOD 1
Designated unit. Study of selected repertoire pieces; 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: AA09, AA11
Credit points: 12

AAX112 REPERTOIRE & PRACTICE PERIOD 2
Designated unit. Continuation of studies initiated in AAX111.
Courses: AA09, AA11
Credit points: 12

AAX113 REPERTOIRE & PRACTICE PERIOD 3
Designated unit. Continuation of AAX112.
Courses: AA09, AA11
Credit points: 16

AAX114 REPERTOIRE & PRACTICE PERIOD 4
Designated unit. Continuation of AAX113; preparation for
the dance industry; curriculum vitae and funding applications.

Courses: AA09, AA11
Credit points: 4

AAX115 DANCE HISTORY
Early development of dance technique; social and religious functions of dance; dance throughout the Renaissance period; the European and Russian contribution to classical ballet; the rise of modern dance in Europe and America; dance in Australia.

Courses: AA09, AA11
Credit points: 12
Contact hours: 1.5 per week

AAX117 BALLET TECHNIQUE 1
Designated unit. The study of ballet technique within the four-tier practical levels system. Principles governing the technique; practical work includes barre work, adagio, pirouettes, allegro, pointe work and pas de deux.

Courses: AA09, AA11
Credit points: 8
Contact hours: 10.5 per week

AAX118 BALLET TECHNIQUE 2
Designated unit. Continuation of study initiated in AAX117.

Courses: AA09, AA11
Credit points: 8
Contact hours: 9 per week

AAX119 BALLET TECHNIQUE 3
Designated unit. Consolidation of technique; study of differing stylistic approaches to the ballet technique through the four-tier levels system.

Courses: AA09, AA11
Credit points: 8
Contact hours: 10.5 per week

AAX120 BALLET TECHNIQUE 4
Designated unit. Technique classes of advanced standard incorporating difficult exercise combinations, with an emphasis on performance quality and style within the four-tier levels system.

Courses: AA09
Credit points: 8
Contact hours: 9 per week

AAX121 CONTEMPORARY TECHNIQUE 1
Designated unit. The study of contemporary dance techniques within the four-tier levels system. Practical work includes floor work, centre work and basic combinations to develop flexibility, strength and coordination; vocabulary of contemporary dance techniques.

Courses: AA09, AA11
Credit points: 8
Contact hours: 7.5 per week

AAX122 CONTEMPORARY TECHNIQUE 2
Designated unit. Continuation of study initiated in AAX121.

Courses: AA09, AA11
Credit points: 8
Contact hours: 9 per week

AAX123 CONTEMPORARY TECHNIQUE 3
Designated unit. Consolidation of technical knowledge: increased degree of difficulty in turning and jumping sequences; rapid changes of weight and off-balance work within the four-tier levels system.

Courses: AA09, AA11
Credit points: 8
Contact hours: 9 per week

AAX124 CONTEMPORARY TECHNIQUE 4
Designated unit. Advanced technique classes incorporating difficult exercise combinations with rapid changes of weight, level, direction; performance quality and style.

Courses: AA09
Credit points: 8
Contact hours: 7.5 per week

AAX131 DANCE COMPOSITION 1
Discussion and theoretical understanding of dance composition; practical exploration of skills essential for dance composition including: establishment of approach or theme, style of movement, patterning of movement, phrasing of steps, selection and structuring of completed dance segments.

Courses: AA09
Credit points: 4
Contact hours: 2 per week

AAX132 DANCE COMPOSITION 2
Preparation and presentation of short solo and group sequences using a range of thematic and musical stimuli; discussion and criticism of presented dance works.

Courses: AA09
Credit points: 4
Contact hours: 2 per week

AAX133 DANCE COMPOSITION 3
Practical experience in group dance through improvisation and other choreographic devices; group discussion and feedback on work presented in class.

Courses: AA09, AA11
Credit points: 4
Contact hours: 2 per week

AAX134 DANCE COMPOSITION 4
Discussion and investigation of dance forms; preparation and presentation of short solo and group sequences; practical experience in group dance through improvisation and set compositional studies; discussion and criticism of presented dance work, discussion of criteria for evaluation and assessment of dance works. Choreography of a work for public performance.

Courses: AA09, AA11
Credit points: 4
Contact hours: 2 per week

AAX135 DANCE STYLES 1
Study of tap and folk dance styles. Practical classes include: folk steps and dances from selected regions of the world; tap combinations and routines for studio performance.

Courses: AA09, AA11
Credit points: 4
Contact hours: 2 per week

AAX136 DANCE STYLES 2
Study of jazz and character dance styles. Practical classes include jazz steps and routines; character classes cover various styles.

Courses: AA09, AA11
Credit points: 4
Contact hours: 2 per week

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 provoke exploration, develop students’ comprehension of fundamental spatial and formal values and to enhance sensibilities concerning architectural qualities.

Courses: BN31, AR48
Credit points: 12
Contact hours: 8 per week

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
Credit points: 12
Contact hours: 8 per week

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: ADB013
Credit points: 12
Contact hours: 6

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.

Prerequisites: ADB003
Corequisites: Nil
Credit points: 12
Contact hours: 6

ADB005 ARCHITECTURAL DESIGN 5
Design theory, sustainability, sociological and contextual con-
cerns 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:** BN30, AR48

**Prerequisites:** ADB004

**Credit points:** 12

**Contact hours:** 6 per week

- **ADB006 ARCHITECTURAL DESIGN 6**
  Design theory, urban sustainability, sociological and contextual concerns related to particular design problems.

**Courses:** BN30, AR48

**Prerequisites:** ADB005

**Credit points:** 12

**Contact hours:** 6 per week

- **ADB007 ARCHITECTURAL DESIGN 7**
  The content of the unit is project-dependent.

**Courses:** AR48

**Prerequisites:** ADB006

**Credit points:** 12

**Contact hours:** 5 per week

- **ADB008 ARCHITECTURAL DESIGN 8**
  The content of the unit is project-dependent.

**Courses:** AR48

**Prerequisites:** ADB007

**Credit points:** 12

**Contact hours:** 5 per week

- **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

**Credit points:** 12

**Contact hours:** 5 per week

- **ADB011 CONTEXTUAL STUDIES 1**
  Theories of place and architectural regionalism, privacy, personal space, territoriality, environmental cognition and meaning.

**Courses:** BN31, AR48

**Credit points:** 12

**Contact hours:** 3 per week

- **ADB012 CONTEXTUAL STUDIES 2**
  This unit contains two modules: Selected Themes in Architecture – 1750 to present, is a general study of modern architecture in Europe and America in the context of architectural and social programs; Australian Studies and the Region examines local architecture and urban history in the context of European influences and the Asian-Oceanic regional framework.

**Courses:** BN31, AR48

**Prerequisites:** ADB011

**Credit points:** 12

**Contact hours:** 3 per week

- **ADB013 CONTEXTUAL STUDIES 3**
  History – theories of architectural development set against a background of wider cultural development and social change; post-industrialism and post-colonialism, their implications and applications to architecture. Urban theory – classical and contemporary urban design theory, theories of townscape, urban space and city form.

**Courses:** BN31, AR48

**Prerequisites:** ADB012

**Credit points:** 12

**Contact hours:** 3 per week

- **ADB014 CONTEXTUAL STUDIES 4**
  Theory, history and cultural significance of classical Indian and South East Asian architecture. Contemporary architectural theory and criticism.

**Courses:** AR48

**Prerequisites:** ADB013

**Credit points:** 12

**Contact hours:** 3 per week

- **ADB015 CONTEXTUAL STUDIES 5**
  Case studies of contemporary works of significance. Study of the writings of contemporary architects, critics and architectural theorists.

**Credit points:** 12

**Contact hours:** 3 per week

- **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:** ADB021

**Credit points:** 12

**Contact hours:** 4 per week

- **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

**Credit points:** 12

**Contact hours:** 4 per week

- **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

**Credit points:** 12

**Contact hours:** 4 per week

- **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

**Credit points:** 12

**Contact hours:** 4 per week

- **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:** BN31, AR48

**Prerequisites:** ADB024

**Credit points:** 12

**Contact hours:** 4 per week

- **ADB026 TECHNOLOGY AND SCIENCE 6**
  Topics include case study of building type being studied in ADB007, working with engineering consultants and programming of work.

**Courses:** AR48

**Prerequisites:** ADB025

**Credit points:** 12

**Contact hours:** 3 per week

- **ADB031 PROFESSIONAL STUDIES 1**

**Courses:** AR48

**Credit points:** 12

**Contact hours:** 3 per week

- **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:** ADB032

**Credit points:** 12

**Contact hours:** 3 per week

- **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

**Credit points:** 12

**Contact hours:** 4 per week
- **ADB052 ARCHITECTURAL RESEARCH 2**
  Students continue their studies on an approved topic commenced in Architectural Research 1. By means of a thesis presentation the student will demonstrate his/her 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  
  **Credit points:** 12  
  **Contact hours:** 4 per week

- **ADB053 ARCHITECTURAL PROJECT**
  The major project selected by students and approved 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  
  **Credit points:** 12  
  **Contact hours:** 4 per week

- **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  
  **Credit points:** 12  
  **Contact hours:** 3 per week

- **ADB062 ARCHITECTURAL APPLICATIONS 2**
  The unit will be used to increase the students’ experience in applying theory to architectural problems. Study of materials, structures, and architectural ideas through drawings and models.
  
  **Courses:** BN31  
  **Prerequisites:** ADB061  
  **Credit points:** 12  
  **Contact hours:** 7 per week

- **ADB101 INTERIOR DESIGN 1**
  Person-environment interaction with a focus on the factors that influence understanding, eg. One’s own psychological, sociological and cultural history; and the critical exploration of ethical, aesthetic and technical issues as identified in associated units.
  
  **Courses:** BN31  
  **Corequisites:** ADB911, ADB121  
  **Credit points:** 12  
  **Contact hours:** 7 per week

- **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  
  **Corequisites:** ADB122  
  **Credit points:** 12  
  **Contact hours:** 7 per week

- **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; application of recorded material. CAD as a construct and its role in practice.
  
  **Courses:** BN31  
  **Prerequisites:** ADB921  
  **Corequisites:** ADB102  
  **Credit points:** 12  
  **Contact hours:** 4 per week

- **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  
  **Credit points:** 12  
  **Contact hours:** 4 per week

- **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; colour, expression and aesthetics.
  
  **Courses:** BN31  
  **Credit points:** 12  
  **Contact hours:** 4 per week

- **ADB201 INTRODUCTORY INDUSTRIAL DESIGN 1**
  The 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; engineering drawing basics.
  
  **Courses:** BN31  
  **Prerequisites:** ADB241  
  **Credit points:** 12  
  **Contact hours:** 7 per week

- **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  
  **Credit points:** 12  
  **Contact hours:** 7 per week

- **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 and 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:** ADB201  
  **Credit points:** 12  
  **Contact hours:** 6 per week

- **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:** ADB202  
  **Corequisites:** ADB224  
  **Credit points:** 12  
  **Contact hours:** 6 per week

- **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, work with an industry client, interdisciplinary teamwork, design ethics and culture, and designer’s responsibilities toward the environment.
  
  **Courses:** BN31  
  **Prerequisites:** ADB204  
  **Credit points:** 12  
  **Contact hours:** 6 per week

- **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  
  **Credit points:** 12  
  **Contact hours:** 6 per week

- **ADB212 ERGONOMICS FOR INDUSTRIAL DESIGNERS**
  The principles of ergonomics and human factors as applied to industrial design, handtool design, environmental factors,
human-information processing, ergonomic methods, display and control design, interface design, designing for safety and product useability.

Courses: BN31  Credit points: 12  Corequisites: ADB 204

■ ADB224 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  Credit points: 12  Corequisites: ADB 201

Contact hours: 4 per week

■ 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  Credit points: 12  Corequisites: ADB 206

Contact hours: 4 per week

■ 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

Contact hours: 4 per week

■ 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

Contact hours: 4 per week

■ ADB911 HUMAN ENVIRONMENT 1
Contemporary environmental issues: global warming, population explosion, pollution, energy conservation, sustainability; anthropometrics and statistics, basic ergonomic principles, requirements of special needs groups.

Courses: BN31, AR48  Credit points: ADB101, ADB921

Contact hours: 3 per week

■ ADB912 HUMAN ENVIRONMENT 2
The unit focuses on the following: psycho-social issues and privacy, perception, personal space, territoriality, cognition, way finding and cultural diversity.

Courses: BN31  Credit points: 12

Contact hours: 4 per week

■ 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  Credit points: 12

Contact hours: 4 per week

■ ADB921 INTRODUCTION TO TECHNOLOGY
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  Credit points: ADB911, ADB101

Contact hours: 4 per week
ADB931 INTRODUCTION TO HISTORY, THEORY AND CRITICISM
Content will be presented thematically and illustrated with case studies from a range of different times and periods and cultures (Europe, Asia, Americas, Islamic) to illustrate the presence of particular ideas. Themes will include geometry, the body, space, proportion, the history of use, the history of innovation, the history of the designer in society. Introduction to Professional Writing.
Courses: BN31, AR48
Credit points: 12  Contact hours: 3 per week

ADB932 PROFESSIONAL STUDIES 2
Unit offers a self-paced national course (BPA 1) prepared by the RAIA 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 RAIA certification.
Courses: AR48
Credit points: 12  Contact hours: 3 per week

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
Credit points: 12  Contact hours: 3 per week

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
Credit points: 12  Contact hours: 4 per week

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
Credit points: 12  Contact hours: 4 per week

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
Credit points: 12  Contact hours: 3 per week

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
Credit points: 12  Contact hours: 3 per week

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
Credit points: 12  Contact hours: 3 per week

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
Credit points: 12  Contact hours: 4 per week

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
Credit points: 12  Contact hours: 4 per week

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
Credit points: 12  Contact hours: 4 per week

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
Credit points: 12  Contact hours: 4 per week

ADP162 INTERIOR RESEARCH 2
This unit provides methodological support for the major project in ADP108. The ability to undertake empirical research is considered an integral aspect of responsible designing. The unit content covers data collection, analysis and reporting.
Courses: AR62
Prerequisites: ADB107 or equivalent
Corequisites: ADP108
Credit points: 12  Contact hours: 4 per week

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
Credit points: 12  Contact hours: 4 per week

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
Credit points: 12  Contact hours: 3 per week

ADP218 ADVANCED ERGONOMICS
Basics of cognitive ergonomics, product usability evaluation methods and their applications, case studies.
Courses: AR61
Credit points: 12  Contact hours: 4 per week
■ 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
Credit points: 12
Contact hours: 3 per week

■ 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
Prerequisites: ARP
Credit points: 12
Contact hours: 5 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ ADP932 PROFESSIONAL STUDIES 2
Unit offers a self-paced national course (BPA 1) prepared by the RAIA 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 RAIA certification.
Courses: AR62
Prerequisites: ADP114
Credit points: 12
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ APF002 APPLIED PSYCHOLOGY
Introduces students to the behavioural sciences; 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.
Contact hours: 5 per week

■ ARB007 ARCHITECTURAL DESIGN 7
Design projects used to develop theory, critical analysis and issues of architectural quality. Integration of design science, construction, building services, codes and standards. Projects include buildings and building groups of medium to large scale.
Courses: AR48
Prerequisites: ARB006
Credit points: 24 (12 per semester)
Contact hours: 6 per week

■ ARB008 ARCHITECTURAL DESIGN 8
Design projects used to develop individual approach and direction to architecture and to introduce urban design issues. Integration of building economics, services, technology and critical analysis. Projects include large scale civic or commercial developments in an urban context.
available within the Faculty, elsewhere at QUT or external units subject to approval.
Courses: AR48
Credit points: 6 Contact hours: 2 per week
■ ARB047 ELECTIVE C
Elective unit drawn from a range available within the Faculty, subject to approval.
Courses: AR48
Credit points: 6 Contact hours: 2 per week
■ ARB051 RESEARCH METHODS
An overview of research methodology, examination of differences between research methods and products. Students will undertake a short, directed research project.
Courses: AR48
Credit points: 6 Contact hours: 2 per week
■ ARB052 ARCHITECTURAL RESEARCH 1
The establishment of appropriate research methods and their development into a study proposal for an approved selected research topic. Establishment of objectives, delineation of areas, structuring research program, reading sources, analysis and preliminary conclusions, individual proposals.
Courses: AR48
Credit points: 24 Contact hours: 6 per week
■ ARB053 ARCHITECTURAL RESEARCH 2
Continued development of approved research topic commenced in ARB052. Definition and analysis of propositions, validation by research. Research submission.
Courses: AR48
Credit points: 24 Contact hours: 6 per week
■ ARB054 ARCHITECTURAL PROJECT
A major project selected by the student and approved by the Course Coordinator. By the end of the semester the student should demonstrate through the project the course objectives, expressed as values and attitudes, knowledge and skills.
Courses: AR48
Credit points: 24 Contact hours: 6 per week
■ ARB081 HISTORY, THEORY & 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 Grundsatzen” 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”.
Credit points: 12
■ 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 24cp allows focus, depth and, where appropriate, joint/complementary project work with senior students in other Faculty courses. Field work will be incorporated.
Credit points: 24
■ 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.
Prerequisites: Completion of Graduate Diploma coursework
Credit points: 24 Contact hours: 2 per week
■ ARB590 ELECTIVE 1A
Selected architectural topics including history, conservation, design theory, management, finance, economics, architectural science, computing, urban design, and courses where approved.
Courses: AR41
Credit points: 4 Contact hours: 2 per week
■ ARB591 HISTORY OF ARCHITECTURE & ART 4
A global perspective of the development of art and architecture of regional interest with particular emphasis on non-European traditions. Architectural development in the Far East, Southeast Asia, the Pacific and South America. Planning of settlements, indigenous architecture, materials and techniques in building construction, social, cultural, economic, religious, and Western influence. Modernisation, current architecture issues.
Courses: AR41
Credit points: 4 Contact hours: 1 per week
■ ARB593 DESIGN 8
Architectural criticism; main themes selected for design and the realisation, convenience, clarity, intelligibility, expression, technology, context form. Post-occupancy evaluation. Testing methodology; analysis and evaluation of building performance, user-oriented design. A series of architectural projects of medium to high-rise buildings involving general building briefs and programs, environmental impact issues, and post-occupancy analysis.
Courses: AR41
Credit points: 20 (10 per semester)
Contact hours: 5 per week
■ ARB595 PROFESSIONAL STUDIES 2
Building economics; practice management and accounting systems; legal aspects of practice, contracts; building procurement systems.
Courses: AR41
Credit points: 16 (8 per semester)
Contact hours: 4 per week
■ ARB598 ELECTIVE 1B
See ARB590.
Courses: AR41
Credit points: 4
■ ARB693 DESIGN 9
Theory: contemporary architects’ theories and ideas, their influence in architectural design and practice. Projects: process of brief, functional and space programming; urban values, design principles and landscape-townscape, civic and formal planning; urban quality. A comprehensive project of groups of complex buildings as a design vehicle evaluation; planning and presentation.
Courses: AR41
Credit points: 16 Contact hours: 2 per week
■ ARB695 PROFESSIONAL STUDIES 3
Alternative methods of building procurement; management of all phases of the building project. The Architect Act 1962 and amendments; Board of Architects Queensland Practice Examination.
Courses: AR41
Credit points: 8 (4 per semester)
Contact hours: 2 per week
■ ARB697 ELECTIVE 2
Studies on approved topics to sufficient depth to demonstrate the student’s ability to define and to logically analyse a proposition, and to conduct research to prove its validity.
Courses: AR41
Credit points: Semester 1: 4; Semester 2: 20
Contact hours: Semester 1: 2 per wk; Semester 2: 5 per wk
■ ARB793 APPROVED EMPLOYMENT 3
48 weeks of approved employment under the direction of an architect.
Courses: AR41
■ ARB794 APPROVED EMPLOYMENT 4
48 weeks of approved employment under the direction of an architect.
Courses: AR41

■ ARB795 APPROVED EMPLOYMENT A
See course requirements and notes relating to undergraduate courses – industrial experience for Bachelor of Architecture.
Courses: AR48 Credit points: 36
Contact hours: 48 recognised weeks within first three years

■ ARB796 APPROVED EMPLOYMENT B
See course requirements and notes relating to undergraduate courses – industrial experience for Bachelor of Architecture.
Courses: AR48 Credit points: 60
Contact hours: 72 recognised weeks within second three years

■ 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; flashover; management of fire; theory of fire extinguishment; detection and extinguishment systems; fire brigade involvement.
Courses: AR65 Credit points: 12

■ 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 Credit points: 12

■ 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

■ 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 & 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

■ ASF001 AUSTRALIAN STUDIES 1
Designed to familiarise international students with the Australian culture and the education system in which they will participate while gaining a degree; the Australian landscape; the European impact; lifestyles; the family; Aboriginality and governing Australia.
Contact hours: 4 per week

■ ASF002 AUSTRALIAN STUDIES 2
Designed to introduce international students to Australian culture and current issues; arts/science/technology; immigration; multi-cultural Australia; race relations; religions; society and environment; education in Australia; law; foreign policy; the future and Australians at work.
Contact hours: 4 per week

■ AYB120 BUSINESS LAW
Australian legal and constitutional system; sources of law, including doctrines and methodology of the law; statutory interpretation; a study of the law of contract; agency; introduction to the law of torts with emphasis on the tort of negligence; aspects of consumer protection.
Courses: BS50, BS56, ED50, IF40, IF56, IF72, IT20, PU40
Prerequisites: BSB114
Credit points: 12 Contact hours: 3 per week
Incompatible with: ALB110, ACB140, ACB371, LW3001, LW3013

■ AYB121 FINANCIAL ACCOUNTING
An examination of the accounting concepts and procedures relevant to both partnership and company business structures within the context of: the accounting profession’s conceptual framework; the relevant accounting standard and Corporations Law requirements; and the nature of professional and social practice. Topics include: the formation, accounting procedures and financial statement preparation for both Partnerships and Company Business Structures; an overview of the new Corporations Law Simplification Programme requirements in relation to financial accounting; reporting and disclosure; a review of cash flow statements; and Accountants and Accounting Practice – an ethical perspective.
Courses: BS50, BS56, ED50, IF37, IF40, NS48
Prerequisites: BSB110
Credit points: 12 Contact hours: 4 per week
Incompatible with: AYB111, ACB115, ACB210, AC3001, AC3014

■ AYB220 COMPANY ACCOUNTING
Accounting for company income tax (tax-effect accounting); disclosure in financial reports; and accounting for the acquisition of assets and re-organisation of the corporate structure via the acquisition of business undertakings such as associates and subsidiaries. This unit emphasises the preparation of consolidated accounts, which provide information on the combined results of the parent entity and its subsidiaries or controlled entities. Other topics covered are: accounting for foreign currency transactions arising from international trading and financing, and the translation of the results of foreign operations; and the accounting procedures necessitated by winding up/liquidation.
Courses: BS50, BS56, ED50, IF37, IF72, IF48
Prerequisites: AYB121
Credit points: 12 Contact hours: 4 per week
Incompatible with: AYB112, ACB212, ACB412, AC3003, AC3016

■ AYB221 COMPUTERISED ACCOUNTING SYSTEMS
Management information systems and accounting systems; database and files; systems development life cycle; design of accounting systems including sales, accounts receivable, inventory, purchases, accounts payable, non-current assets, payroll and general ledger systems; fraud, security and crime; electronic commerce; and internal controls. Practical application of these concepts is enhanced by the use of accounting software such as Attache Business Partner and Excel.
Courses: BS50, BS56, ED50, IF37, IF72
Prerequisites: BSB110 and BSB112
Credit points: 12 Contact hours: 3 per week
Incompatible with: AYB222, AYB101, ISB492, AC3010, AC3033

■ AYB223 LAW OF BUSINESS ASSOCIATIONS
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: BS50, BS56
Prerequisites: AYB120 or AYN410 (or JSB086 and JSB087 for Education students
Credit points: 12 Contact hours: 3 per week
Incompatible with: ALB122, ACB240, LW3002, LW3014

■ AYB225 MANAGEMENT ACCOUNTING 1
Introduction to managerial accounting, the role of the management accountant, and cost concepts; costing systems including actual/normal/standard systems under job and process costing; introduction to budgeting; accounting for the factors of production: materials, labour and overheads; extension of basic costing systems for multiple products and spoilage; direct and
absorption costing; cost-volume profit analysis.

Courses: BS50, BS56, ED50, IF37, IF40, IF72, IT20

Prerequisites: BSB110

Credit points: 12

Incompatible with: AYB224, FNB123, ACB220, AC3004, AC3017

AYB227 ACCOUNTING IN AN INTERNATIONAL ENVIRONMENT

Designed to provide students with an insight into, and an understanding of, many of the accounting problems and issues faced in an international business environment and Australias role in the economically important and dynamic Asia-Pacific region. This unit emphasises financial reporting in Asia and the Pacific-Rim countries, issues examined include: comparative international accounting standard setting process and the harmonisation of accounting; international accounting systems and practices; cultural influences on accounting; international patterns of accounting development; accounting for foreign currency transactions and derivatives; translation of foreign currency financial statements; comparative international analysis of financial statements; global accounting issues into the twenty-first century.

Courses: BS56

Prerequisites: BSB110

Credit points: 12

AYB301 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 EDP environments and evaluation of EDP controls; computer-assisted audit techniques; computer fraud; sampling techniques; the audit report.

Courses: BS50, BS56, ED50, IF37, IF72

Prerequisites: AYB220

Credit points: 12

Incompatible with: AYB210, ACB311, AC3005, AC3018

AYB303 COMMERCIAL & SECURIITIES LAW

Follows and develops legal principles first dealt with in Business Law and other areas relevant to commercial and securities law. These areas include: commercial transactions; specific types of contract: sales of goods, credit contracts, agency, bailment and insurance; aspects of the Trade Practices Act and negotiable instruments.

Courses: BS50, BS56

Prerequisites: AYB120 or AYN410

Credit points: 12

Incompatible with: ALB111

AYB305 COMPANY LAW & 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

Credit points: 12

Incompatible with: ALB120

AYB309 COMPUTER SECURITY & AUDIT

Impact of computer information systems (CIS) on auditing, general CIS controls, CIS application controls, generalised audit software (GAS), computer-assisted audit techniques, special CIS environments, fraud and privacy.

Courses: BS50, BS56

Prerequisites: AYB220 and AYB301

Credit points: 12

Incompatible with: AYB212

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

Credit points: 12

Incompatible with: AYB218

AYB311 FINANCIAL ACCOUNTING THEORY

The development and evaluation of accounting theory; regulatory framework and the theories of regulation; development of the conceptual framework; contracting cost framework; critique of historical cost and alternative theories; asset and liability definition and recognition; revenue and expense recognition and measurement; and an evaluation of relevant accounting standards.

Courses: BS50, BS56, ED50, IF37

Prerequisites: AYB220

Credit points: 12

Incompatible with: AYB113, ACB310, AC3007, AC3023

AYB312 FINANCIAL INSTITUTIONS LAW

The legal framework of banking and other financial transactions: legal constraints upon the operations of financial institutions; bank-customer relationship; Cheque Act, Credit Act, liability for negligent advice.

Courses: BS50, BS56, IF40, IF41

Prerequisites: AYB120 or AYN410 (or JSB086 and JSB087 for Education students)

Credit points: 12

Incompatible with: ALB103

AYB313 GOVERNMENT ACCOUNTING

Examines the structure of government economic and fiscal activities; elements of government accounting; the concept of public accountability; theory of budgeting; public accounting and reporting of Commonwealth, state and local government levels; external, internal and efficiency auditing.

Courses: BS56

Prerequisites: BSB110

Credit points: 12

Incompatible with: AYB103

AYB315 INDUSTRIAL LAW

The system of law in Australia; industrial aspects of the Australian constitution; the system of industrial law in Australia; the development and role of law in industrial relations; industrial relations legislation, federal and state; common law; industrial torts; industrial actions; settlement of disputes; sanctions; unions.

Courses: BS56

Prerequisites: MGB207

Credit points: 12

Incompatible with: ALB104

AYB316 INSOLVENCY LAW & PRACTICE

Insolvency and liquidation; a comparison of the tests of insolvency applicable to individuals, companies, partnerships and trusts respectively; rights of secured and unsecured creditors; duties and liabilities of liquidators, receivers, and so on; company shareholders’ rights; distribution of property; liabilities of bankrupts, trustees and company officers.

Courses: BS50, BS56

Prerequisites: AYB223

Credit points: 12

Incompatible with: ALB121

AYB317 INTERNATIONAL BUSINESS LAW

Examination of the law governing the establishment and conduct of international business; business structures, international contracts, competing legal jurisdictions, codes of conduct; an introduction to the taxation consequences of international business.

Courses: BS50, BS56

Prerequisites: AYB120 or AYN410

Credit points: 12

Incompatible with: ALB105

AYB318 INTERNATIONAL TAXATION

Introduces the student to the process of applying technical knowledge of taxation law to practical business problems in the international environment. Planning for international transactions, choosing appropriate business structures and issues of double taxation are all considered.
Courses: BS56  Prerequisites: AYB326 or AYB328  Credit points: 12  Contact hours: 3 per week

**AYB321 MANAGEMENT ACCOUNTING THEORY**
The development of management accounting as a discipline, development of theories – conceptual framework; theory of the firm; agency theory; contingency theory; decision theory; organisational behaviour theories; theory of constraints; application of theories within the finance/economics paradigm. The application of these theories will be considered practically within the context of issues such as transfer pricing, cost allocation and the contemporary managerial accounting techniques. Courses: BS50, BS56, ED50, IF37  Prerequisites: AYB225  Credit points: 12  Contact hours: 3 per week  Incompatible with: FNB124, AYB321, AC3109, AC3025

**AYB323 TAX PLANNING**
Principles of tax practice; judicial, statutory and professional approaches to tax avoidance and evasion; structuring and re-structuring business enterprises; tax planning for the employee and investor. Introduction to international tax planning. Courses: BS50, BS56  Prerequisites: AYB326 or AYB328 or as a corequisite  Credit points: 12  Contact hours: 3 per week  Incompatible with: ALB131

**AYB325 TAXATION LAW**
Statutory framework of income tax; assessable income, ordinary and statutory; capital gains; trading stock; allowable deductions, general and specific; levy of income tax: an introduction to the taxation of partnerships, trusts and companies, fringe benefits tax; taxation administration. Courses: BS50, BS56  Prerequisites: AYB223  Credit points: 12  Contact hours: 3 per week  Incompatible with: ALB132, ACB340, LW3004, LW3015

**AYB327 MANAGEMENT ACCOUNTING INFORMATION SYSTEMS**
Provides a practical understanding of computers as used in business management and decision making. Topics to be covered, from an applied computing perspective, include amongst others: cash budgeting; master budgeting; cost estimation; job costing; cost allocation; variance analysis; and cost-volume-profit analysis. The unit will give students advanced knowledge in spreadsheet, database, accounting packages, and the Internet. It will show how to apply these packages to the selected managerial accounting topics. It will provide students with extensive experience in interpreting the results of the process from a managerial decision-making point of view. Courses: BS50, BS56  Prerequisites: BS112  Credit points: 12  Contact hours: 3 per week  Incompatible with: AYB328  Corequisites: BS112  Contact hours: 3 per week

**AYB328 TAXATION LAW 2**
The income tax treatment of the various business entities (including partnerships, companies and trusts); the principles governing the taxation of international transactions; and basic indirect business taxes. Courses: BS50, BS56  Prerequisites: AYB325  Credit points: 12  Contact hours: 3 per week  Incompatible with: AYB326, ALB133

**AYB329 INDIRECT TAXATION**
Examination of taxes relevant to the conduct of a business other than taxes directly imposed on a taxpayer’s income and capital gains. Specific taxes covered include sales tax, pay-roll tax, land tax, stamp duty, customs and excise duties and the diesel fuel rebate. Courses: BS56  Prerequisites: AYB223  Credit points: 12  Contact hours: 3 per week  Incompatible with: ALB130

**AYB330 MANAGERIAL PLANNING & CONTROL**
Managerial accounting systems provide information to all levels of management for planning and controlling the firm’s operations, and to assist in decision making at operational, tactical and strategic levels within the organisation. This unit will focus on advanced planning and control issues and will develop a framework for choosing among cost system alternatives for product costing, profitability analysis and cost control purposes. Courses: BS56  Prerequisites: AYB225  Credit points: 12  Contact hours: 3 per week

**AYB331 AUDITING & PROFESSIONAL PRACTICE**
The audit approach: planning an audit; verification of the balance sheet and profit and loss statement, trade debtors, inventories, non-current assets, cash, investments, taxation, capital and retained profits; audit sampling theory techniques and applications; EDPS auditing; and other issues of current professional interest. Courses: BS56  Prerequisites: AYB301  Credit points: 12  Contact hours: 3 per week

**AYF001 ACCOUNTING 4**
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. Contact hours: 4 per week

**AYF002 ACCOUNTING 5**
Various accounting sub-systems such as control accounts and subsidiary ledgers; inventory and fixed asset systems; credit transactions; partnerships accounting; budgeting and financial analysis techniques particularly useful to the management sector. Prerequisites: AYF001 or equivalent studies  Contact hours: 5 per week

**AYN001 MANAGERIAL ACCOUNTING FOR ENGINEERS**
An explanation of management accounting concepts and terminology and a coverage of the accounting communication and reporting system of managerial accounting; using accounting information for special decision-making; how costs are accumulated for manufacturing control purposes; current issues in accounting for manufacturing including activity-based costing, costing for quality, costing for productivity; budgets; allocation of overhead costs; using standard costing and variance analysis. Courses: ME76  Prerequisites: PG only  Credit points: 12  Contact hours: 3 per week  Incompatible with: FNN113

**AYN400 ACCOUNTING 1 (PY)**
See AYN404 Advanced Company Accounting. Please contact the School of Accountancy office regarding commencement date. This unit runs outside the normal semester timetable. Courses: BS70, BS94  Prerequisites: PG only; plus AYN420  Credit points: 12  Contact hours: 3 per week  Incompatible with: AYN404, AYN103, AYN300

**AYN401 ACCOUNTING 2 (PY)**
This unit satisfies the Professional Year syllabus of the Institute of Chartered Accountants in Australia in applied areas of managerial accounting, finance and auditing. The unit extends the undergraduate framework in these areas. Topics are revised annually by the Institute with a focus on applied practice. Courses: BS70, BS94  Prerequisites: PG only plus AYN400  Credit points: 12  Contact hours: 3 per week  Incompatible with: FNN300

**AYN402 ACCOUNTING INFORMATION SYSTEMS (PY)**
Examination at an advanced level of accounting information systems (AIS). Topics include AIS strategic planning, feasibility analysis, systems development and implementation, networks and the electronic business. Courses: BS70, BS94
Prerequisites: PG only; plus AYN403 or AYN416 or GSN202
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN303

AYN404 ADVANCED COMPANY ACCOUNTING
Consolidated financial statements; changes in degree of ownership; reverse subsidiaries and reciprocal shareholdings; consolidation and the existence of preference shares; translation and consolidation of foreign currency financial statements; consolidated cash flow statements; accounting for joint ventures, foreign currency transactions; segment reporting; and superannuation funds. Please contact the School of Accountancy office regarding commencement date. This unit runs outside the normal semester timetable.
Courses: BS70, BS94
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN400, AYN300, AYN103

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
Credit points: 12
Prerequisites: PG only
Contact hours: 3 per week
Incompatible with: ALN101

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
Credit points: 12
Prerequisites: PG only
Contact hours: 3 per week
Incompatible with: ALN102

AYN408 AUDITING (PY)
Examination at an advanced level of auditing standards and their practical application, judgmental and statistical audit sampling, EDP controls, and computer-assisted audit techniques, and audit reporting.
Courses: BS70, BS94
Credit points: 12
Prerequisites: PG only; plus AYN401
Contact hours: 3 per week
Incompatible with: AYN301

AYN409 AUDITING STANDARDS & PRACTICE
An examination of relevant auditing standards and their implications for practice. Case studies develop an analytical approach and the ability to exercise professional judgement in audit problems. Recent journal articles, legal cases and newspaper reports are used in conjunction with the cases.
Courses: BS70, BS94
Credit points: 12
Prerequisites: PG only
Contact hours: 3 per week
Incompatible with: AYN107

AYN410 BUSINESS LAW & ETHICS
Introduction to business law and to morality in the business context. 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. The functioning morality in society drawing on psychological, sociological and philosophical perspectives with special emphasis on business aspects of morality.
Courses: BS30, BS89, GS70, GS81
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: ALN103

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 EDP environment and evaluation of EDP controls; computer-assisted audit techniques; computer fraud; sampling techniques; ethics; the audit report.
Courses: BS89
Prerequisites: PG only; plus AYN417
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN120

AYN412 COMPANY LAW
The law relating to the establishment, operation and dissolution of business associations, the forms of business associations; partnerships, joint ventures, trusts, companies and voluntary associations. A focus on companies: share capital prospectuses, directors’ duties, incorporation and registration requirements.
Courses: BS70, BS94
Credit points: 12
Prerequisites: PG only
Contact hours: 3 per week
Incompatible with: AYN109

AYN414 COST ACCOUNTING
Introduction to management accounting; the role of the management accountant; cost concepts; costing systems; budgeting; extension of basic costing systems for multiple products and spoilage; direct and absorption costing; cost volume profit analysis.
Courses: BS89, GS70, GS81, IF64
Prerequisites: PG only; plus AYN403 or AYN416 or GSN202
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN110

AYN415 EXTERNAL REPORTING ISSUES
Examines contemporary issues in external reporting including: institutional background and legal framework; conceptual framework and accounting theory; external reporting aspects of corporate governance; presentation and disclosure in external reports; capital market implications of external reporting; assets and asset revaluation; goodwill and identifiable intangibles; extractive industries; liabilities, off-balance sheet financing and financial instruments; intercorporate investments; and other reporting issues.
Courses: BS70, BS94
Credit points: 12
Prerequisites: PG only
Contact hours: 3 per week
Incompatible with: AYN111

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; accounting for non-current liabilities; investments; statement of cashflows; analysis and interpretation of financial statements.
Courses: BS30, BS89, GS70, GS81
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN112

AYN417 FINANCIAL ACCOUNTING 2
Accounting function within a company; accounting for company income tax (tax-effect accounting); liquidation; acquisition of assets including companies; consolidated financial statements, equity accounting; disclosure in company financial statements.
Courses: BS30, BS89, GS70, GS81
Prerequisites: PG only; plus AYN416
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN113

AYN418 FINANCIAL ACCOUNTING 3
The evolution of accounting theory; the external financial reporting framework; theories of regulation and the conceptual

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framework; theory of the firm developed into the contracting cost framework; profits and application of the theory of prof-
its – construction contracts and segment reporting; assets and
the application of the theory of assets, intangible assets and
the extractive industries; liabilities and the application of the
theory of liabilities – debt defeasance, debt versus equity and
leases; further applications of the theory of profits, assets and
liabilities – intercorporate investments, joint ventures and for-
eign currency transactions and translation.
Courses: B530, B589, G570, G581
Prerequisites: PG only; plus AYN417
Credit points: 12  Contact hours: 3 per week
Incompatible with: AYN114

■ AYN419 FINANCIAL MODELLING
Modelling as an organisational planning tool; the develop-
ment and manipulation of databases in order to provide infor-
mation sources for model building; the use of the modelling
concept for solving investment and forecasting problems and
analysing performance.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: EFN410, FNN103

■ AYN420 FINANCIAL REPORTING
Conceptual framework; preparation and presentation of finan-
cial statements; accounting for income tax (tax-effect account-
ing), leases, construction contracts and the extractive
industries; goodwill; acquisition and evaluation of assets; equal
ity accounting. Please contact the School of Accountancy
office regarding commencement date. This unit commences
in early January.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: AYN117

■ AYN421 INDIRECT TAXATION
Examination of taxes relevant to the conduct of a business
other than taxes directly imposed on a taxpayer’s income and
capital gains. Specific taxes covered include sales tax, payroll
tax, land tax, stamp duty, customs and excise duties and the
superannuation guarantee charge.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: ALN105

■ AYN422 INSOLVENCY & RECONSTRUCTION (PY)
Examination of the law and practice of bankruptcy and cor-
porate insolvency; comparisons between deeds of company
arrangement, schemes of arrangement and reconstruction, rec-
cieverships and liquidation; the rights of secured and unse-
cured creditors; rights of members and employees; duties and
obligations of scheme administrators, receivers and liquida-
tors; collection and distribution of assets; public examination;
actions against company officers.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: ALN300

■ AYN423 INTERNAL AUDITING
The techniques used by the internal or operational auditors;
the need for efficiency or value-for-money auditing; perform-
ance auditing; the internal auditor in large organisations both
public and private; ethical considerations.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: AYN118

■ AYN424 INTERNATIONAL ACCOUNTING
This unit is designed to provide students with an understand-
ing of many of the accounting problems and issues faced in
an international business environment. This unit examines is-
issues including comparative international accounting systems
and practices; the international accounting standard setting
process and the harmonisation of accounting; international
accounting systems and practices; cultural influences on ac-
counting; international patterns of accounting development;
accounting for foreign currency transactions and derivatives;
translation of foreign currency financial statements; compara-
tive international analysis of financial statements, global ac-
counting issues into the twenty-first century.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: AYN119

■ AYN425 INTERNATIONAL TAXATION
Application of Australian income tax law and practice to situa-
tions and transactions with an international element; root prin-
ciples of jurisdiction, residence and source; substantive taxing
provisions governing residents and non-residents; tax planning
arrangements and applicable anti-avoidance legislation.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: ALN106

■ AYN426 LEGAL ENVIRONMENT OF BUSINESS
A study of contemporary issues in Business Law.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: ALN303

■ AYN427 LIQUIDATIONS & RECEIVERSHIP
The law and practice of bankruptcy and corporate insolvency;
comparisons between deeds of company arrangement,
schemes of arrangement and reconstruction, receiverships and
liquidation. Topics include: the rights of secured and unse-
cured creditors; rights of members and employees; duties and
obligations of scheme administrators, receivers and liquida-
tors; collection and distribution of assets; public examination;
actions against company officers.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: ALN107

■ AYN429 MANAGEMENT ACCOUNTING (PY)
Designed to satisfy an elective topic in the Professional Year
syllabus of the Institute of Chartered Accountants in Australia.
The syllabus is revised annually and applied advanced mana-
gerial topics are included as the profession determines neces-
sary for senior managerial accountants.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: FNN301

■ AYN430 MANAGERIAL ACCOUNTING ISSUES A
Issues for the management accountant in the new manufactur-
ing environment, viewed from a finance economics perspec-
tive. Topics include performance evaluation; decision-making,
cost allocation, operations research techniques.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: FNN110

■ AYN432 PUBLIC SECTOR ACCOUNTING ISSUES
Introduces students to the context and operation of public sec-
tor accounting and reporting. Specific conceptual and practi-
cal issues will be examined which distinguish public sector
accounting from private sector accounting.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: FNN111

■ AYN433 SPECIAL TOPIC IN ACCOUNTING A
A study of topical areas in the public accounting area.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: AYN302

■ AYN434 SPECIAL TOPIC IN ACCOUNTING B
Issues of significance in managerial accounting and finance.
This unit is offered when required.
Courses: B570, B594  Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: FNN112
AYN435 TAXATION 1A (PY)
Prepares candidates enrolled in the Institute of Chartered Accountants Professional Year for the examination and workshops in the taxation module. Topics as prescribed by the Institute are covered in cursory fashion or in depth according to the particular knowledge level requirements specified.
Courses: BS70, BS94
Credit points: 12
Prerequisites: PG only
Incompatible with: ALN305

AYN436 TAXATION 1B (PY)
Prepares candidates enrolled in the Institute of Chartered Accountants Professional Year for the examination and workshops in the taxation module. Topics as prescribed by the Institute are covered in cursory fashion or in depth according to the particular knowledge level requirements specified.
Courses: BS70, BS94
Credit points: 12
Incompatible with: ALN301

AYN437 TAXATION 2 (PY)
A study program for candidates enrolled in the Advanced Taxation module of the Institute of Chartered Accountants Professional Year. Topics prescribed by the Institute are covered in sufficient depth to meet the requirements as specified in the module.
Courses: BS70, BS94
Credit points: 12
Incompatible with: ALN302

AYN438 TAXATION LAW & PRACTICE
Statutory framework; assessable income, general and specific; capital gains, trading stock; allowable deductions; general and specific; levy of income tax; all entities; fringe benefits tax.
Courses: BS30, BS89, GS70, GS81
Credit points: 12

AYN439 MANAGEMENT ACCOUNTING
Planning and control; decision-making and relevant costs; responsibility accounting; cost allocation; pricing techniques; transfer pricing; performance evaluation.
Courses: BS89, GS70, GS81, IF64
Credit points: 12

AYN441 ADVANCED AUDITING
Examines current auditing technologies at an advanced level. These technologies are aimed at enhancing the efficiency and effectiveness with which audits are conducted. The unit will enable students to develop an understanding of the principles underlying these technologies and to provide practical experience in the application of these technologies in auditing. Topics include: statistical sampling, analytical review using forecasting, audit software, expert systems, audit automation.
Courses: BS70, BS94
Credit points: 12

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
Credit points: 12

AYN443 PROFESSIONAL ACCOUNTING
Provides students with an understanding of accounting systems; databases and files; the design of accounting systems, and internal control in computing systems. Practical experience will be gained using accounting software and spreadsheet software.
Courses: BS89, GS70, GS80, GS81
Prerequisites: PG only; plus AYN416 or GSN202
Credit points: 12
Contact hours: 3 per week
Incompatible with: AYN303, AYN402

AYN505 ACCOUNTING HONOURS – A
An application of the costly contracting theory of the firm to gain an understanding of the role that accounting and auditing play in the contracting and governance processes. Examines positive research into accounting information utilisation both within the firm and as prepared for external stakeholders. Specific topics covered include: transaction cost economics; accounting aspects of corporate governance; incentive problems and financial contracting solutions associated with the issue of equity and debt; determinants of accounting policy choices; role of accounting in strategic management; decentralisation and organisational structures; executive performance and compensation; audit independence, tendering and fees.
Courses: BS63, BS70, BS92, BS94
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

AYN506 BUSINESS LAW HONOURS
Examines the theoretical basis for regulating the Australian securities markets with particular emphasis upon aspects of regulation which are of greatest relevance to accounting practice and business advisers. It will examine how the theoretical and public policy aspects are presented in the business laws themselves and how these are applied. Particular topics to be examined include the laws governing financial disclosure through company accounts, in experts’ reports, in prospectuses and in takeovers.
Courses: BS63, BS70, BS92, BS94
Credit points: 12

AYN507 BUSINESS LAW HONOURS
Examines the theoretical basis for regulating the Australian securities markets with particular emphasis upon aspects of regulation which are of greatest relevance to accounting practice and business advisers. It will examine how the theoretical and public policy aspects are presented in the business laws themselves and how these are applied. Particular topics to be examined include the laws governing financial disclosure through company accounts, in experts’ reports, in prospectuses and in takeovers.

BAP001 AUSTRALIAN PERSPECTIVES
Introduces international students to Australian culture and society and the expectations of the educational system in which they will continue their University studies; Aboriginality; a brief review of Australian history, government, the family, multiculturalism and the Australian identity.
Contact hours: 4 per week

BCO001 COMPUTING
This unit is designed to introduce international students to the usage of computers in a tertiary institution; the terms and techniques used in the computerised business package Microsoft Office, including presentations, word processing and spreadsheet applications and the use of technology for research.
Contact hours: 4 per week
UNIT SYNOPTES

BNB007 PROFESSIONAL STUDIES 1
Basic information retrieval skills and presentation; introduction to academic life; learning skills, time management; QUT library as a resource; writing process, graphics, computer packages, engineering as a profession.
Courses: CE44, CE45, EE41, EE42, ME41, ME42
Credit Points: 12  Contact hours: 5 per week

BSB110 ACCOUNTING
A study of the basic accounting process, both financial and managerial, and an introduction to the interpretation of accounting information. This unit covers financial procedures and reporting for sole traders, partnerships; analysis and interpretation of financial statements; planning, control and business decision making.
Courses: AA21, BS50, BS56, ED23, ED50, IF26, IF37, IF40, IF41, IF46, IF52, IF54, IF56, IF60, IF72, IT20, PU40
Credit points: 12  Contact hours: 4 per week
Incompatible with: AYB100, AYB110, AYB105, AC3013, ACB110, AC3000, ACB111

BSB111 BUSINESS ETHICS
Introduces students to a framework of ethical decision making which draws on a variety of ethical theories. The first part of the unit develops the theoretical underpinning of ethics. The second part applies the theoretical concepts to actual business decisions. The third part analyses issues and case studies in the various professions.
Courses: BS50, BS56, IF26, IF46, IF56, IF60, IF72
Credit points: 12  Contact hours: 3 per week

BSB112 INTRODUCTION TO ELECTRONIC COMMERCE
Provides students with an introduction to electronic commerce and business systems and with a practical understanding of the computing, communications and information systems technologies underlying electronic business systems used both nationally and internationally. Overview of how to find and retrieve information on the Internet and electronic commerce. The impact of electronic business in terms of security, privacy, legal issues. Practical experience in using and applying common business software functions such as wordprocessing, graphics, spreadsheet and database to business information problems.
Courses: BS50, BS56, ED50, IF26, IF37, IF40, IF41, IF45, IF46, IF60, IF72, PU40
Credit points: 12  Contact hours: 3 per week
Incompatible with: IS892, ISB392, FBN102, AC3032, CO3022

BSB113 ECONOMICS
Introduces students to the key economic concepts in an intuitive and applied fashion. It comprises twelve 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, the balance of payments and international trade, and microeconomic reform.
Courses: BS50, BS56, ED50, IF26, IF37, IF40, IF41, IF46, IF54, IF56, IF60, IF72
Credit points: 12  Contact hours: 3 per week
Incompatible with: EPB116 and EPB172, EPB140 and EPB150

BSB114 GOVERNMENT, BUSINESS & 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, IF37, IF40, IF41, IF45, IF46, IF54, IF56, IF60, IF62, IF72
Credit points: 12  Contact hours: 3 per week
Incompatible with: EPB124, MNB181, AD3049

BSB115 MANAGEMENT, PEOPLE & 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 knowledge, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate and external environmental perspectives.
Courses: BS50, BS56, ED50, IF26, IF37, IF40, IF41, IF45, IF46, IF54, IF56, IF60, IF62, IF72, IT20, PU40
Credit points: 12  Contact hours: 3 per week
Incompatible with: BSB102, MNB351, MNB412, AD3048

BSB116 MARKETING & INTERNATIONAL BUSINESS
Examines and introduces the role and importance of international business and marketing to the contemporary organisation. Emphasis will be given to understanding issues relating to the international business environment such as the world trade and financial systems, policy interventions, globalization processes, transitional economies, culture, and the opportunities, constraints and problems that these issues present for the design of marketing strategies in the international business environment.
Courses: BS50, BS56, ED23, ED50, IF26, IF37, IF40, IF41, IF46, IF54, IF56, IF60, IF72
Credit points: 12  Contact hours: 3 per week
Incompatible with: MKB140

BSB117 PROFESSIONAL COMMUNICATION & NEGOTIATION
Introduces students to the principles and applications of communication within the professional context. This unit covers academic and workplace writing, oral presentations, negotiation, and current technology for writing and presentations.
Courses: BS50, BS56, ED50, IF26, IF37, IF40, IF41, IF46, IF54, IF56, IF60, IF72
Credit points: 12  Contact hours: 3 per week
Incompatible with: COB160, COB106, COB205

BSB300 MANAGEMENT, THE FIRM & INTERNATIONAL BUSINESS
Provides a detailed examination of the impact of the international environment upon management and the firm. Examines how management and the firm responds to change if success is to be achieved in a competitive international market. Focuses upon the concepts of change and efficiency in examining dimensions of management practices in order to assess the capacity of a firm to respond proactively; as well as organisational form, major functional processes, networks and strategic responses.
Courses: BS50, BS56, IF26, IF40, IF41, IF45, IF46
Prerequisites: BSB115 and MIB202 or BSB116 and MGB206
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRB118, MGB330

BSD110 ACCOUNTING
A study of the basic accounting process – both 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.
Credit points: 12  Contact hours: 4 per week

BSD112 INTRODUCTION TO ELECTRONIC COMMERCE
Provide students with an introduction to electronic commerce and business systems. Provide students with a practical understanding of the computing, communications, and information
systems technologies underlying electronic business systems used both nationally and internationally. Overview how to find and retrieve information provided in electronic business. Understand the impact of electronic business in terms of security, privacy, and legal issues. Obtain practical experience in using and applying common business software functions such as word-processing, graphics, spreadsheet, and database to business information problems.

Credit points: 12  
Contact hours: 4 per week

**BSD113 ECONOMICS**
Introduces students to the key economic concepts in an intuitive and applied fashion. It comprises twelve 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, the balance of payments and international trade, and microeconomic reform.

Credit points: 12  
Contact hours: 4 per week

**BSD114 GOVERNMENT, BUSINESS & 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 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 will include law making, policy processes, the impact of a changing national and international environment, and relationships between government, business and society.

Credit points: 12  
Contact hours: 4 per week

**BSD115 MANAGEMENT, PEOPLE & 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 knowledge, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate and external environmental perspectives.

Credit points: 12  
Contact hours: 4 per week

**BSD116 MARKETING & INTERNATIONAL BUSINESS**
This introductory subject examines the role and importance of international business and marketing to the contemporary organisation. Emphasis will be given to understanding issues relating to the international business environment such as the world trade and financial systems, policy interventions, globalisation processes, transitional economies, culture, and the opportunities, constraints and problems that these issues present for the design of marketing strategies in the international business environment.

Credit points: 12  
Contact hours: 4 per week

**BSN400 INDUSTRY ANALYSIS**
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 student for their major assignment.

Courses: BS93  
Prerequisites: PG only  
Credit points: 12  
Contact hours: 3 per week

**BSN401 MANAGEMENT, THE ORGANISATION & INTERNATIONAL BUSINESS**
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 provide an introduction to the management issues to be faced by organisations entering into export markets. BSN408 is concerned with broad, international trends.

Courses: BS93  
Prerequisites: PG only  
Credit points: 12  
Contact hours: 3 per week

**BSN402 PRODUCT & SERVICE EVALUATION**
A major first step in addressing an organisation's capacity to compete in the global environment is the evaluation of the adequacy of the goods and services it provides. The aim of this unit is to provide students with the ability to select from and apply a range of evaluative frameworks and related techniques suitable in a variety of settings, to a range of products and services.

Courses: BS93  
Prerequisites: PG only; plus BSN408 or EPN108 or GSN101 or 48 credit points in the MBA  
Credit points: 12  
Contact hours: 3 per week

**BSN403 PRODUCT AND SERVICE INNOVATION & DEVELOPMENT**
Once the strengths and weaknesses of an organisation's products and services have been identified and evaluated, the task is to determine the appropriate, innovative products and services that will enhance its market position. Models of product innovation and development will be examined, followed by an application of the models in an applied fashion, focusing upon: idea generation and screening; evaluating product and service ideas; financial evaluation; design for new and existing markets; human resource needs and capacities for innovation and development.

Courses: BS93  
Prerequisites: PG only; plus BSN408 or EPN108 or GSN101 or 48 credit points in the MBA (Professional)  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: MIN423, MKN109

**BSN404 PROJECT 1**
Designed to permit the student to undertake a research project, subject to the approval of the Course Coordinator.

Courses: BS30, BS93, BS94, BS98, GS70  
Prerequisites: PG only  
Credit points: 12  
Incompatible with: MKN101, MKN102, MKN103

**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

**BSN406 PROJECT 3**
This unit is 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: 24

**BSN408 BUSINESS & THE INTERNATIONAL ENVIRONMENT**
Business operates in an increasingly international environment which has direct and rapid impacts upon domestic and other markets for products and services. The aim of this unit is to provide a detailed understanding of the structure of that environment, its current and important trends. The focus will be on the economic, social and political factors determining the contemporary international business structure and its likely future development.

Courses: BS30, BS93, GS70, GS80  
Prerequisites: PG only  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: GSN101

**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 to resolve a complex business problem in accounting, banking and finance, and
accounting legal studies or related discipline 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 and accounting legal studies or related discipline.

Courses: B594  
Prerequisites: PG only; plus BSN500  
Credit points: 24  
Contact hours: 6 per week

■ BSN410 SHORT PROJECT
Students undertake an 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 theory and specific literature via an analysis of the practical application of quality in a real world situation. Project reports will be data based and deal with the relevant literature in the area.

Courses: B593  
Prerequisites: PG only  
Credit points: 12  
Contact hours: 3 per week

Incompatible with: BSN149, BSN150, IFP222, BSN411

■ 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 theory and specific literature 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: B593  
Prerequisites: PG only  
Credit points: 24  
Incompatible with: BSN149, BSN150, BSN410

■ BSN500 RESEARCH METHODS
An introduction to the methodology of scientific research. The course has three components: scientific method; statistical designs; and survey methods. An examination of different perspectives for the development of scientific knowledge, an examination of experimental design issues and the use of statistical techniques in conducting research in accounting, finance and economics.

Courses: B563, B570, B592, B594  
Prerequisites: PG only  
Credit points: 12  
Contact hours: 3 per week

Incompatible with: AYN102

■ 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: B563  
Prerequisites: PG only  
Credit points: 48

■ 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; presentation.

Courses: B563, B592  
Prerequisites: PG only  
Credit points: 12  
Contact hours: 5 per week

Incompatible with: BSB400

■ 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: B563, B592  
Prerequisites: PG only  
Credit points: 12  
Contact hours: 3 per week

■ 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: B592  
Prerequisites: PG only  
Credit points: 96

■ 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: CE31, CE42, EE43, EE44, EE45, IF42, ME35, ME45, ME46, ME47  
Credit points: 12  
Contact hours: 5 per week

■ CEB110 ENGINEERING MECHANICS 2
Principles of structural mechanics, stress, strain and elasticity; second movement 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, moehr circlebeam deflections (virtual work), geomechanics applications of 2D stresses, buckling.

Courses: CE31, CE42, IF42  
Prerequisites: CEB109  
Credit points: 12  
Contact hours: 5 per week

■ CEB111 EXPERIMENTAL PROCEDURES, DESIGN AND ANALYSIS
A basic study of experimental procedures and measurements in civil engineering including statistical analysis and interpretation of results with linear correlation and graph plotting.

Courses: CE33  
Credit points: 12  
Contact hours: 5 per week

■ CEB112 COMPUTING APPLICATIONS
Students will be instructed in the use and application of a wide range of computing software commonly used for word processing, spread sheets, database applications, project management, etc. including network file transfer and internet working basics.

Courses: CE33  
Credit points: 12  
Contact hours: 5 per week

■ CEB170 ENGINEERING SCIENCE
Introduction to material science including crystal structure and mechanical properties of solids. Investigating the macro behaviour of engineering materials. Principles of heating, insulation, noise and optics in civil works. Environmental degradation and chemical reactions in corrosion processes and their impact on the natural environment.

Courses: CE33  
Credit points: 8  
Contact hours: 3 per week

■ CEB192 INDUSTRIAL EXPERIENCE 1
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

■ CEB201 STEEL STRUCTURES
Structural behaviour and limit state design of steel structures, first as structural elements such as beams, columns, beam-columns and ties, then their connections (bolted and welded) and simple assemblies. Practical details and economy are discussed. Design projects and laboratory testing are included.

Courses: CE42, CE43, IF42  
Prerequisites: CEB184, CEB185  
Corequisites: CEB254  
Credit points: 8  
Contact hours: 3.5 per week
CEB202 CONCRETE STRUCTURES 1
Basic principles involved in the limit state design of reinforced concrete structures. The determination of size and reinforcement to resist shear and bending in beams. Anchorage and detailing of reinforcement. Deflections in concrete structures and the analysis of long and short columns in uniaxial bending.
Courses: CE31, CE42, CE43, IF42
Prerequisites: CEB185
Credit points: 8
Contact hours: 3.5 per week

CEB204 COMPUTER APPLICATIONS
The use and management of information technology related to civil engineering. Information system design and delivery mechanisms for the systems. The use of computing systems for the acquisition, analysis and presentation of data.
Courses: CE31, CE33
Credit points: 8
Contact hours: 3 per week

CEB205 CAD FOR CIVIL ENGINEERS
Using personal computers and networks for civil engineering drafting and design. Instruction is given in the use of AutoCAD for the production of civil engineering drawings.
Courses: CE31, CE33
Prerequisites: MEB181
Credit points: 8
Contact hours: 3 per week

CEB211 HIGHWAY ENGINEERING
Highway geometry including vehicle performance and human factors as they relate to road geometry, geometric design, geometric coordination and use of computer-aided design. Highway pavements including pavement materials and construction processes, pavement cross-sections and drainage, pavement theory and pavement analysis methods. Construction sites will also be visited.
Courses: CE31, CE42, CE43, IF42
Prerequisites: CEB293, PSB907, CEB240
Credit points: 8
Contact hours: 4 per week

CEB221 ENGINEERING INVESTIGATION ANALYSIS & REPORTING
Project work requiring major reports and oral presentation. Engineering reports must be able to explain the results of their work in clear reports to their peers and to the public. Skills are developed in these aspects of engineering practice, emphasis is placed on the use of microcomputers and their application in civil engineering: investigation and analysis, and the use of wordprocessors, spreadsheets, databases and computer graphics in presenting technical information.
Courses: CE31, CE42, CE43, IF42
Prerequisites: MEB181
Credit points: 8
Contact hours: 4 per week

CEB224 ADVANCED CIVIL ENGINEERING SOFTWARE
Instruction will be given in the use of the road design and land development software package 4D, and will incorporate the use of the drainage software package, P.C.Drain.
Courses: CE31
Prerequisites: CEB204
Credit points: 8
Contact hours: 3 per week

CEB225 CIVIL PROJECTS A
Integration of the skills and knowledge developed in earlier units by applying basic engineering science and technology to specific engineering design projects. Objectives of this problem-based learning include development of specific design skills and LAO generic skills such as professional problem solving, group management, communication and professional practice issues such as ethics and social effects.
Courses: CE31, CE33
Prerequisites: Completion of at least 184 credit points of the course
Credit points: 8
Contact hours: 4 per week

CEB226 CIVIL PROJECTS B
Integrates the skills and knowledge developed in Projects A by applying the engineering technology to complete a large specific design project. The objectives of this problem-based learning include the development of overall design skills and the development of generic skills such as professional problem solving, group management and professional practice issues such as ethics and social effects.
Courses: CE31, CE33
Prerequisites: CEB260
Credit points: 8
Contact hours: 3 per week

CEB227 CIVIL INVESTIGATION PROJECT
Involves a small investigation of an area of civil engineering technology. The unit is designed to develop a student’s ability to learn independently and to compile and present verbal and written reports on the results of their investigation.
Courses: CE31, CE33
Prerequisites: Completion of at least 184 credit points of the course
Credit points: 8
Contact hours: 4 per week

CEB240 SOIL MECHANICS 1
Description and classification of soil for engineering purposes; moisture/density relationships; compaction; pore pressure, effective stress and suction; shear strength of cohesionless and cohesive soils; lateral earth pressure; earth retaining structures design.
Courses: CE31, CE42, CE43, IF42
Prerequisites: CEB185
Credit points: 8
Contact hours: 3.5 per week

CEB241 SOIL MECHANICS 2
Bearing capacity of shallow foundations; permeability and seepage; surface loading on an elastic medium; pore pressure parameters; consolidation; settlement and design of shallow foundations; computer applications in seepage and consolidation.
Courses: CE31, CE42, CE43, IF42
Prerequisites: CEB240
Credit points: 8
Contact hours: 3.5 per week

CEB254 STRUCTURAL ENGINEERING 1
Stress distributions and transformation of stresses and strain, theories of failure, pressure vessels, shear centre and shear flow for thin walled open sections, second moments of area, deflections of beams and trusses by the virtual work method, unsymmetrical bending. Determination of forces and/or bending moment distribution in simple indeterminate structures; computer packages for structural analysis.
Courses: CE31, CE42, CE43, IF42
Prerequisites: CEB184, CEB185
Corequisites: MAB487
Credit points: 8
Contact hours: 3.5 per week

CEB255 STRUCTURAL ENGINEERING 2
Analysis of simple indeterminate structures by moment distribution. Sway, settlement and temperature effects; plastic analysis of beams, influence line diagram for beams, frames and trusses. Deflections of frames and trusses by virtual work method.
Courses: CE42, CE43, IF42
Prerequisites: CEB254, MAB487
Credit points: 8
Contact hours: 3.5 per week

CEB260 FLUID MECHANICS
Fluid mechanics; its relationship to civil engineering practice; fluid properties; fluid statics, pressure, forces, buoyancy and stability; continuity, energy and momentum applied to steady one-dimensional flows; viscosity, turbulence, boundary layers and fluid dynamics forces; dimensional analysis.
Courses: CE31, CE42, CE43, IF42
Prerequisites: CEB185, MAB187, MAB188
Credit points: 8
Contact hours: 3.5 per week

CEB261 HYDRAULIC ENGINEERING 1
The applications of fluid mechanics to pipe and open channel flow, flow measurement and hydraulic machinery. Topics include: steady flow in pipes, networks, flow measurement, uniform flow in open channels, pump and turbines.
Courses: CE31, CE42, CE43, IF42
Prerequisites: CEB260
Corequisites: MAB487
Credit points: 8
Contact hours: 3.5 per week

CEB270 ENVIRONMENTAL SCIENCE
An introduction to the basic principles of ecology and natural
systems. To give an appreciation of the adverse consequences of various types of pollution.

**Courses: CEB31, CEB42, CEB43**  
**Prerequisites: SCB246**  
**Credit points: 8**  
**Contact hours: 3 per week**

- **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: CEB42, CEB43, IF42**  
**Contact hours: 5 weeks**

- **CEB293 CIVIL ENGINEERING MATERIALS**  
Physical, chemical and engineering properties of common civil engineering materials. Ferrous and non-ferrous metals and alloys, timber, bitumen, cladding materials, polymers, corrosion of materials and protective measures. Selection of materials. Role of quality control in engineering units.

**Courses: CEB31, CEB42, CEB43, IF42**  
**Prerequisites: MEB134**  
**Credit points: 8**  
**Contact hours: 4 per week**

- **CEB294 ENGINEERING SCIENCE T**  
This will be designed to strengthen the engineering science background of associates. It will allow for some students to be exempt from parts of the subject in which they have a strong background.

**Courses: CEB31**  
**Prerequisites: MEB134**  
**Credit points: 8**  
**Contact hours: 4 per week**

- **CEB304 CIVIL ENGINEERING DESIGN 1**  
Design project work involving the use of steel and reinforced concrete, geotechnical and highway designs; the influence of construction method to design; students prepare design calculations and sketches with the help of design aids and computer software; problem solving skills using projects.

**Courses: CEB42, CEB43, IF42**  
**Prerequisites: CEB201, CEB202, CEB211, CEB240, CEB241, CEB254, CEB255**  
**Credit points: 16 (8 per semester)**  
**Contact hours: 3.5 per week**

- **CEB305 CONSTRUCTION PLANNING & ECONOMICS**  
Manual and computer based methods for the planning and programming of projects. The principles of economic and financial analysis pertaining to the planning and execution of engineering projects.

**Courses: CEB31, CEB42, CEB43, IF42**  
**Credit points: 8**  
**Contact hours: 3 per week**

- **CEB306 CONCRETE STRUCTURES 2**  
Principles involved in the serviceability limit state and ultimate limit state design of prestressed concrete structures. Stress blocks and equivalent loads due to prestress, losses, serviceability limit states of cracking and deflection, ultimate limit states of bending and shear, evaluation of deflections and design.

**Courses: CEB42, CEB43, IF42**  
**Prerequisites: CEB202**  
**Credit points: 8**  
**Contact hours: 3 per week**

- **CEB309 CONSTRUCTION PRACTICE**  
Basic procedures of civil engineering construction; provides a foundation for further construction studies; gives a practical perspective to later theoretical units.

**Courses: CEB31, CEB42, CEB43, IF42**  
**Prerequisites: CEB202, CEB293**  
**Credit points: 8**  
**Contact hours: 3 per week**

- **CEB315 TRAFFIC ENGINEERING**  
Traffic theory: traffic behaviour, models; traffic management analysis: unsignalised and signalised intersections, street lighting, signs, markings, barriers, parking. Traffic studies and transport planning.

**Courses: CEB31, CEB42, CEB43, IF42**  
**Credit points: 8**  
**Contact hours: 3 per week**

- **CEB342 GEOTECHNICAL ENGINEERING 1**  

**Courses: CEB42, CEB43, IF42**  
**Prerequisites: CEB240, CEB241**  
**Credit points: 8**  
**Contact hours: 3.5 per week**

- **CEB355 STRUCTURAL ENGINEERING 3**  
Structural analysis of determinate and indeterminate structures under moving loads using influence lines for beams and trusses. The application of plastic analysis techniques to the analysis of beam, frame and slab structures. Matrix stiffness method for structural analysis. Structural analysis.

**Courses: CEB42, CEB43, IF42**  
**Prerequisites: CEB254, CEB255**  
**Credit points: 8**  
**Contact hours: 3 per week**

- **CEB362 HYDRAULIC ENGINEERING 2**  
Hydraulics: unsteady flow, movable boundary hydraulics, hydraulic models and hydraulic design of structures. Topics include: steady flow compound open channels with variable roughness; unsteady flow in pipes; unsteady flow in open channel flow; design of hydraulic structures such as transitions, culverts, crests, chutes, for example; mobile boundary hydraulics; the theory and practice relating to fixed and mobile boundary, natural scale and distorted models.

**Courses: CEB42, CEB43, IF42**  
**Prerequisites: CEB261, CEB260**  
**Corequisites: MAB893**  
**Credit points: 8**  
**Contact hours: 3 per week**

- **CEB364 ENGINEERING SCIENCE 2**  

**Courses: PS47, PS48, SV34**  
**Prerequisites: MAB187, MAB188, MEB221**  
**Credit points: 6**  
**Contact hours: 3 per week**

- **CEB370 PUBLIC HEALTH ENGINEERING 1**  
The principles of public health engineering. Causes and effects of water pollution, principles of unit processes and operations of water and waste water treatment.

**Courses: CEB31, CEB42, CEB43, IF42**  
**Prerequisites: SCB246**  
**Credit points: 8**  
**Contact hours: 3.5 per week**

- **CEB371 WATER & WASTEWATER SYSTEMS**  
With CEB370, this unit provides a basic understanding of public health engineering practice and an introduction to design in the area of water and wastewater systems. This is a major application area for both generalist civil engineers and environmental engineers.

**Courses: CEB31, CEB42, CEB43, IF42**  
**Prerequisites: CEB370, SCB246**  
**Credit points: 8**  
**Contact hours: 3 per week**

- **CEB372 ENVIRONMENTAL TECHNOLOGY**  
An introduction to resource management and pollution control. The effects of technological processes on the environment. Concept of sustainable development.

**Courses: CEB31, CEB42, CEB43**  
**Prerequisites: CEB270, SCB246**  
**Corequisites: CEB370**  
**Credit points: 8**  
**Contact hours: 3 per week**

- **CEB392 INDUSTRIAL EXPERIENCE 3**  
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: CEB42, CEB43**  
**Credit points: 8**  
**Contact hours: 5 weeks**

- **CEB393 ENGINEERING INVESTIGATION & REPORTING 1**  
To be advised.

- **CEB401 DESIGN PROJECT**  
Students work in groups to produce initial studies and outline designs of typical civil engineering projects. Students define problems, establish goals, and generate/optimise alternative solutions. Students are to develop an awareness of the possible
impact of civil engineering projects on ecosystems. Preparation and presentation of reports including feasibility studies, environmental and economic assessment. Compulsory site visits.

Courses: CE42, CE43
Prerequisites: CEB305, CEB315, CEB362, CEB342, CEB372
Credit points: 8

■ CEB403 PROFESSIONAL PRACTICE
Engineering organisations, project initiation, documentation, form of contract, contract administration, arbitration, safety and insurances, legal responsibilities, ethics. Preparation in job applications and interview techniques.
Courses: CE42, CE43, IF42
Prerequisites: CEB305
Credit points: 8

■ CEB405 CIVIL ENGINEERING DESIGN 2
Continuation of CEB304, with topics covering structural and civil engineering design, that is municipal civil/structural projects. Field visits are required. More general problem-solving skills are developed so graduates can successfully complete projects other than those covered in the course.
Courses: CE42, CE43, IF42
Prerequisites: CEB293, CEB304, CEB342, CEB371
Credit points: 16 (8 per semester)
Contact hours: 3 per week

■ CEB406 STRUCTURAL APPLICATIONS
Analysis, design, and performance of structures. Topics include: structural systems, modelling, sketching, civil engineering structures, designing for construction, detailing and lessons from structural failures, earthquake design, controlling vibration in structures.
Courses: CE42, CE43, IF42
Prerequisites: CEB255, CEB304
Corequisites: CEB405
Credit points: 8
Contact hours: 3 per week

■ CEB407 ENGINEERING SCIENCE 3
Rainfall intensity duration frequency relating in Australia; hydrographs, annual rainfall; stream flow hydrographs, rainfall-runoff relations, including the rational formula; open channel flow, pipelines and culverts; design of stormwater drainage systems, including major and minor systems; water supply and sewerage reticulation systems together with descriptive treatment of sources and treatment processes.
Courses: PS47, PS48
Prerequisites: CEB364
Credit points: 6
Contact hours: 3 per week

■ CEB410 ENVIRONMENTAL DESIGN PROJECT
Intended to combine material covered in a number of disciplinary areas into a realistic environmental engineering project where the overall scope of a ‘real world’ environmental engineering problem is investigated. A general approach to problem definition and solution is to be emphasised and the identification and study of environmental impacts is illustrated by application to a specific project.
Courses: CE42, CE43
Prerequisites: CEB305, CEB315, CEB342, CEB362, CEB372
Credit points: 8
Contact hours: 3 per week

■ CEB415 ENVIRONMENTAL ENGINEERING DESIGN
Design of projects involving water quality management, waste management, land management and other environmental engineering applications. More general problem-solving skills are to be developed so that students can successfully complete projects other than those covered in the course. Emphasis on the appropriate/potential use of computers for analysis and design and monitoring and control of engineering processes.
Courses: CE42, CE43
Prerequisites: CEB304, CEB270, CEB372
Credit points: 16 (8 per semester)
Contact hours: 4 per week in Semester 1; 3 per week in Semester 2

■ CEB419 PROJECT (CIVIL)
Students undertake a relatively difficult task in an area of civil engineering practice requiring research and development. Each project will include: a literature review; problem definition; organisation and execution of a program of investigation; critical analysis of investigation; presentation of a seminar on the work and presentation of a written report.
Courses: CE42, CE43, IF42
Prerequisites: CEB221, CEB304. Completion of at least 250 credit points of the course including an appropriate combination of units
Credit points: 16 (8 per semester)
Contact hours: 3 per week

■ CEB501 CIVIL ENGINEERING PRACTICE 1
Combination of lectures, tutorials, practical work or field trips covering current topics in a specified area of civil engineering at an advanced undergraduate level. Unit is offered irregularly. When offered, the unit material will be advertised by the Head of School.
Courses: CE42, CE43, IF42
Prerequisites: Students must be in the final year of their course
Credit points: 8
Contact hours: 3 per week

■ CEB502 PROJECT CONTROL
The planning and management of engineering developments of significance requires a range of project management skills relating to the interactions required with other professional disciplines, clients, government and the community. This subject provides training and experience in the application of these interdisciplinary skills.
Courses: CE42, CE43, IF42
Prerequisites: CEB305
Credit points: 8
Contact hours: 3 per week

■ CEB503 ADVANCED CONSTRUCTION METHODS
The application of previously acquired knowledge to an actual project. Students will be required to apply technical, commercial and managerial skills in the compilation of a commercially acceptable tender for construction.
Courses: CE42
Prerequisites: CEB305, CEB309
Credit points: 8
Contact hours: 3 per week

■ CEB505 PROJECT MANAGEMENT & ADMINISTRATION
Using case studies and ‘role playing’ techniques, students are required to develop solutions to a variety of project management problems, submit reports and make presentations regarding these exercises.
Courses: CE42, CE43, IF42
Prerequisites: CEB305
Credit points: 8
Contact hours: 3 per week

■ CEB506 CIVIL ENGINEERING PRACTICE 2
Combination of lectures, tutorials, practical work or field trips covering current topics in a specified area of civil engineering at an advanced undergraduate level. Unit is offered irregularly. When offered, the unit material will be advertised by the Head of School.
Courses: CE42, CE43, IF42
Prerequisites: Students must be in the final year of their course
Credit points: 8
Contact hours: 3 per week

■ CEB511 TRANSPORT ENGINEERING 2
Students focus on urban transportation planning. Includes traffic flow simulation, application of four-step transportation planning models, surveys, network development, trip generation, distribution and assignment.
Courses: CE42, CE43, IF42
Corequisites: CEB512
Credit points: 8
Contact hours: 3 per week

■ CEB512 TRANSPORT ENGINEERING 1
Transport operations analysis, transport economics, transport capacity, urban road planning principles, urban transit planning, railway, aviation and bulk commodity systems design.
Courses: CE42, CE43, IF42
Prerequisites: CEB315
Credit points: 8
Contact hours: 3 per week

■ CEB520 FINITE ELEMENT METHODS
Basic theory of the finite element method. Theoretical and
units of study and their prerequisites, corequisites and credit points. Design of civil engineering structures, with relevance to environmental impacts and sustainable development. Some of the units covered in this book include:

- **CEB362 COASTAL ENGINEERING**
  - Prerequisites: CEB371, SCB246, CEB362, CEB342
  - Credit points: 8
  - Contact hours: 3 per week

- **CEB570 WASTE MANAGEMENT**
  - Prerequisites: CEB355
  - Credit points: 8
  - Contact hours: 3 per week

- **CEB575 ENVIRONMENTAL IMPACT ASSESSMENT**
  - Prerequisites: CEB371, SCB246, CEB362, CEB342
  - Credit points: 8
  - Contact hours: 3 per week

- **CEP127 ROAD & TRAFFIC ENGINEERING**
  - Prerequisites: CEB371, SCB246, CEB362, CEB342
  - Credit points: 8
  - Contact hours: 3 per week

- **CEP128 MUNICIPAL ENGINEERING PLANNING**
  - Prerequisites: CEB371, SCB246, CEB362, CEB342
  - Credit points: 8
  - Contact hours: 3 per week

- **CEP131 ENGINEERING MANAGEMENT & ADMINISTRATION**
  - Prerequisites: CEB371, SCB246, CEB362, CEB342
  - Credit points: 8
  - Contact hours: 3 per week

- **CEP173 WATER QUALITY ENGINEERING**
  - Prerequisites: CEB371, SCB246, CEB362, CEB342
  - Credit points: 8
  - Contact hours: 3 per week

- **CEP174 PUBLIC HEALTH ENGINEERING PRACTICE**
  - Prerequisites: CEB371, SCB246, CEB362, CEB342
  - Credit points: 8
  - Contact hours: 3 per week

- **CEP200 PROCESS MODELLING**
  - Prerequisites: CEB371, SCB246, CEB362, CEB342
  - Credit points: 8
  - Contact hours: 3 per week

- **CEP201 PROCESS MODELLING**
  - Prerequisites: CEB371, SCB246, CEB362, CEB342
  - Credit points: 8
  - Contact hours: 3 per week

- **CEP215 ADVANCED TRAFFIC ENGINEERING**
  - Prerequisites: CEB371, SCB246, CEB362, CEB342
  - Credit points: 8
  - Contact hours: 3 per week

These units are designed to provide comprehensive coverage of the principles and practices of civil engineering, with a focus on environmental impact assessment and sustainable development.
proved topic than that required in CEP999. The results are presented in a major formal report.

Courses: CEP999
Credit points: 24
Contact hours: 5 per week

CEP999 PROJECT A

The student is required to investigate in depth a substantial approved topic within the range of civil engineering practice and to carry out design, computing, model or experimental design and construction, experimental work and testing. The results are presented in a major formal report.

Courses: CEP74
Credit points: 36
Contact hours: 9 per week

CHF002 CHEMISTRY

Prepares students for tertiary study in the applied sciences and provides a solid foundation in basic chemistry and experimental techniques; elements, atoms and ions; modern atomic theory; chemical bonding; inorganic compounds; chemical reactions and energy; water and solutions; gases; acids and bases; oxidation-reduction reactions and electrochemistry; reaction rates and chemical equilibrium and introductory organic chemistry.

Contact hours: 5 per week

CMF001 COMMUNICATION 1

Designed for international students, to help them 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.

Contact hours: 6 per week

CMF002 COMMUNICATION 2

The promotion of clear and concise writing in particular genres (essays, assignments and reports) pertinent to undergraduate study; master basic primary and secondary research skills related to assignment tasks; effective oral communication in seminar presentations and tutorial discussion; learn to listen effectively in lecture situations and answer exam questions with an awareness of relevance and time management.

Contact hours: 5 per week
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  
**Credit points**: 12  
**Contact hours**: 4 per week

**CNB105 LEGAL AND LAND STUDIES**

This unit consists of four components: Land Studies, Environmental Law including EPA, Codes and By-Laws, and Concepts of Surveying and Measuring. Land studies. Legal issues relating to land; permits; law of property; ownership and possession; estates and interests in land; easements; rights and restrictive covenants; party walls, boundary walls, fences and encroachments. Environmental law including EPA. Constraints, water noise and dust; vibration from blasting; heritage; erosion and sediment control; contaminated land; safety; sustainable development; waste management and control. Codes and by-laws. Building Code of Australia; Queensland Home Building Code; Standard Building By-Laws in Queensland; Fire Safety Act, Acts Interpretation Act. Concepts of Surveying and Measuring. Revision of trigonometry. Functions; levels and levelling; reading and recording observations; 2D and 3D measurement; connection to measurement with the theodolite; angles and bearings; traverses and traverse calculations; setting out; contour and volumes; maps; cadastre.

**Courses**: CN51, CN53  
**Credit points**: 12  
**Contact hours**: 3 per week

**CNB106 PREPARATORY UNIT**

Introduction the course aims, objectives and expectations in addition to the ethical practice requirements of membership of the university community. The unit includes mathematics (covering trigonometry and geometry) for the technical units of the course; statistics needed for research components; economics (macro, micro and construction specific) necessary for the units covering the business aspects of construction; introduction to computing and writing skills needed in order to communicate research results and professionally prepare and present assignments.

**Courses**: CN51, CN53  
**Credit points**: 12  
**Contact hours**: 4 per week

**CNB107 CONSTRUCTION 2**

This unit includes a study of the materials, methods and construction of low-rise 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  
**Credit points**: 12  
**Contact hours**: 5 per week

**CNB108 BUILDING TECHNOLOGY 2**

This unit examines the non-structural materials used in construction including 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. Studies include non-ferrous metals, adhesives; sealants, PVC, coatings, board products, glass, bitumen and asphalt. Practical laboratory sessions are under-taken to introduce the students to a range of standard tests and to demonstrate material behaviour.

**Courses**: CN51, CN53  
**Prerequisites**: CNB101  
**Credit points**: 12  
**Contact hours**: 3 per week

**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  
**Credit points**: 12  
**Contact hours**: 4 per week

**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  
**Credit points**: 12  
**Contact hours**: 5 per week

**CNB180 ECONOMICS FOR THE PROPERTY INDUSTRY I (MACROECONOMICS)**

While Economics for the Property Industry I (Macroeconomics) CNB 180 and II (Micro and Urban Economics) CNB 184 are taught as separate units, they are to be presented in a manner which places strong emphasis on their interrelationships. Economics for the Property Industry I (Macroeconomics) is concerned with broad economic aggregates. These include GDP, expenditure and savings, employment, money supply, average price levels, balance of payments, the role of the government and the central bank and international trade and capital flows.

**Courses**: CN52  
**Credit points**: 12  
**Contact hours**: 4 per week

**CNB181 INTRODUCTORY STUDIES**

This subject is divided into three distinct but interrelated areas; effective study methods, professional writing skills and computer literacy. The aim is to provide foundations skills to enable students to successfully undertake their university studies and to develop sound and effective methods of learning, which will facilitate life-long professional development. Students will be introduced to issues such as study management methods, problem solving processes, report writing and commercial computer software packages.

**Courses**: CN52  
**Credit points**: 12  
**Contact hours**: 4 per week

**CNB182 BUILDING STUDIES 1**

The lectures introduce students to the principles and methods of domestic and light commercial construction and defect identification. Drafting tutorials will reinforce lecture material and give students an understanding of building documentation, measurement (PCA Code of Measurement) and the interrelationship between the documents prepared by the various building consultants. Fieldwork comprises an integral part of the unit.

**Courses**: CN52  
**Credit points**: 12  
**Contact hours**: 4 per week
■ CNB183 LAW 1
Seeks to provide students with a working knowledge of legal principles and processes, the legal system; sources and divisions of the law; rules of precedence; interpretation of statutes and regulations; legal practice and procedure; law of property, ownership and possession, estates and interests in land; easements, rights and restrictive covenants; party walls, boundary walls, fences and encroachments.
Courses: CN52
Credit points: 12 Contact hours: 4 per week

■ CNB184 ECONOMICS FOR THE PROPERTY INDUSTRY 2 (MACRO & URBAN ECONOMICS)
The unit comprises: microeconomic theory and urban economic theory. Microeconomic theory examines consumer behaviour, the nature of demand, preference and indifference theory; the nature of supply, the price mechanism, the operation and structure of markets, short and long run costs and profit maximisation. Urban economic theory builds upon preliminary economic knowledge to examine urban growth theory, population and employment dynamics, commercial and residential location theory.
Courses: CN52
Prerequisites: Economics for the Property Industry 1
Credit points: 12 Contact hours: 4 per week

■ CNB185 REAL ESTATE AGENCY PRACTICE
The unit introduces management techniques required to operate a real estate practice, and the establishment, or purchase of an agency or rent roll. Issues covered include: consumer and business ethics; trade practice and fair trading acts; practice viability, profitability, risk management and professional indemnity. The unit will involve a substantive element of work experience; placements coordinated and supervised by QUT. 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.
Courses: CN52
Prerequisites: Law 1
Credit points: 12 Contact hours: 4 per week

■ CNB186 INVESTMENT VALUATION 1
The unit will be structured to assist student learning across three component areas: the market; the profession; and the methods of valuation. This will be achieved through coverage of the technology 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
Prerequisites: Economics for the Property Industry 1
Credit points: 12 Contact hours: 4 per week

■ 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
Credit points: 12 Contact hours: 5 per week

■ CNB202 BUILDING TECHNOLOGY 3
This unit consists of an integrated study of structural design principles and formwork design. The design component extends the basic design knowledge developed in Building Technology 1 into basic structural member design of timber, steel and concrete members. The emphasis is on approximate or “first order of magnitude” techniques suitable for estimating and temporary works. The behaviours of other structural systems such as trusses, retaining walls, cranes, shoring, scaffolding, slings and floating plant is investigated. The formwork design component of this unit examines the structural, quality and construction requirements for both single level and multi-level buildings. Issues considered include materials and components; surface finish; permanent formwork; basic structural design, cyclic requirements; and erection issues.
Courses: CN51
Prerequisites: CNB102
Credit points: 12 Contact hours: 3 per week

■ 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
Prerequisites: CNB104
Credit points: 12 Contact hours: 3 per week

■ 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, tanks, structural steelwork, exterior elements and demolition. The development and application of Builders’ quantities.
Courses: CN51, CN53
Prerequisites: CNB110
Credit points: 12 Contact hours: 5 per week

■ CNB205 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
Credit points: 12 Contact hours: 4 per week

■ CNB206 LAW 1
Courses: CN51, CN53
Credit points: 12 Contact hours: 3 per week
UNIT SYNOPSES

CNB207 PROFESSIONAL STUDIES 2
The unit commences with a briefing on the project developed to integrate work previously studied with an element of new work. The formal lecturing program is limited to 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. The projects developed will include environmental issues, sustainable development principles, construction practice, planning, community negotiations, commercial decisions and statutory responsibilities.

Courses: CN51, CN53
Prerequisites: CNB109
Credit points: 12
Contact hours: 4 per week  

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
Credit points: 12
Contact hours: 3 per week  

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
Credit points: 12
Contact hours: 3 per week  

CNB280 REAL ESTATE ACCOUNTING
The unit comprises: financial accounting: period versus project income determination, inventory valuation; costs of goods sold; asset valuation; depreciation, intangible asset determination, effects of depreciation and taxation; analysis of financial statements; analysis principles and valuation for business brokerage; business structures: sole trader, partnerships, companies and appropriate accounting procedures. Project accounting; contracts, part-payments, interim project determination, development costs.

Courses: CN52
Prerequisites: CNB185
Credit points: 12
Contact hours: 4 per week  

CNB281 REAL ESTATE MARKETING STUDIES
The student will be introduced to the concepts of perception, motivation, personality development, group dynamics, leadership styles, employee selection, negotiation, dispute resolution, and management in detail the real estate agency industry structure, procedures, documentation and codes of ethics as well as the marketing of freehold and leasehold residential, commercial and specialised real estate investment properties. Footnote: The property agency elements 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: CN52
Prerequisites: CNB183, CNB185
Corequisites: CNB283
Credit points: 12
Contact hours: 4 per week  

CNB282 BUILDING STUDIES 2
Develops the students' construction knowledge with reference to large commercial high-rise buildings. Lectures provide an overview of advanced construction tailored to the needs of the Property Economist. Content includes: material finishes, fit-outs, interior and exterior component finishes; project cost control, cost planning and estimating; the effect of height, shape and building efficiency upon cost and value; cost implication of construction methods; influence of site and market conditions; economics of prefabrication and industrialisation; value management and life cycle costing and an introduction to tax depreciation and tax effective design.

Courses: CN52
Prerequisites: CNB 181
Credit points: 12
Contact hours: 4 per week  

CNB283 LAW 2
This unit covers the 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 unit builds upon the student's previous law and professional practice units.

Courses: CN52
Prerequisites: CNB183, CNB185
Credit points: 12
Contact hours: 4 per week  

CNB284 RURAL VALUATION
This unit examines the physical and economic factors effecting rural land and its development. Content includes: rural valuation and inspection methods; land utilisation and degrada- 
tion; farm management and productivity; and other factors influencing the valuation of rural holdings. The unit comprises a blend of theory and practical experience culminating with a field trip from which practical assignments are derived.

Courses: CN52
Prerequisites: CNB186
Corequisites: CNB286
Credit points: 12
Contact hours: 4 per week plus 2 field trips over 2 Saturdays.  

CNB285 LAND ADMINISTRATION AND SUSTAINABLE DEVELOPMENT
The unit examines issues concerning: land administration, cadastral surveys and land tenure; land resource management, ecology, regional land systems, coastal riverine development issues; environmental degradation, land contamination; heritage values, native title and management systems with an emphasis on sustainability.

Courses: CN52
Prerequisites: CNB183
Credit points: 12
Contact hours: 4 per week  

CNB286 INVESTMENT VALUATION
This unit builds on CNB 186 Investment Valuation 1. The unit concentrates on the development of valuation methods appropriate for investment class real estate. Contents include: valuation formula; time value concepts; basic capitalisation and cash flow techniques; valuation of varying incomes; terminating incomes and of interest less than freehold. The unit adopts a practical approach to a range of real property valuation issues through lectures, tutorials and case studies.

Courses: CN52
Prerequisites: Investment Valuation 1
Credit points: 12
Contact hours: 4 per week  

CNB302 CONTRACT ADMINISTRATION
This unit consists of the following: Duty to the contract vs. duty to the client and employer. Agency. Standard form contracts vs. uniquely drafted conditions; Special conditions of contract, contract addenda to contract documents, Bills of Quantities, Precedence of documents. Procurement Systems, Financial management of contracts from formation to discharge. Procurement systems, Tender Code, Insurance’s. Sub-contractors and nominated sub-contractors, adjustment of provisional sums, variations, correction of bill errors, 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
Credit points: 12
Contact hours: 3 per week
■ 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, take-overs, and buyouts).
Courses: CN51, CN53
Credit points: 12
Contact hours: 3 per week

■ CNB304 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: CN51, CN53
Credit points: 12
Contact hours: 3 per week

■ CNB305 CONSTRUCTION ESTIMATING
The unit is introduced by studies of the interrelationship of the professionals through estimating and the various techniques available to quantify cost. A detailed study of the fundamental elements of cost and the evaluating labour, materials and equipment to realistic levels of accuracy leads to the development of techniques for the unit rate approach to estimating. The unit continues with an assessment of offers from sub-contractors and the implications of risk, quality and ethical responsibilities. These concepts are contrasted to the more advanced functional estimating technique and the significance of method, time and resources to the estimating process. The unit concludes with reviewing of the estimate, evaluation and offsetting of risk, determination of profit, compiling of the letter of offer, negotiations prior to award of contract and application of estimating to variations and to profit monitoring.
Courses: CN51, CN53
Credit points: 12
Contact hours: 4 per week

■ 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 on a conceptual and operational level. Dealing with the client on variations in the physical work and the consequences on time are developed in both commercial and contractual terms, with the implications traced through to the sub-contract level. 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
Credit points: 12
Contact hours: 3 per week

■ 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
Credit points: 12
Contact hours: 3 per week

■ CNB308 PROFESSIONAL STUDIES 3
In the first stage of the unit students are introduction 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
Credit points: 12
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 3 per week

■ 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
Credit points: 12
Contact hours: 5 per week

■ CNB380 DEVELOPMENT STUDIES 1
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 constraints. Knowledge gained will be applied to a range of case studies across varying development sectors and scenarios.
Courses: CN52
Prerequisites: CNB186 I, CNB286
Corequisites: CNB381
Credit points: 12
Contact hours: 4 per week

■ CNB381 REAL ESTATE INVESTMENT ANALYSIS 1
Topics covered will include: 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 before and after-tax cash flow analysis involving NPV and IRR analysis; the modified internal rate of return approach; sensitivity and probability analysis; market analysis and real estate cycles; Modern Portfolio Theory; institutional property investment; risk analysis and management; taxation and investment return.
Courses: CN52
Prerequisites: CNB186, CNB286
Credit points: 12
Contact hours: 4 per week

■ CNB382 STATUTORY & SPECIALIST VALUATION
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; mock court. Specialised valuation methods for: business assets; tangible, intangible and technical plant and machinery; licensed premises, hotels and resorts; regional shopping centres; terminable interests; transferable
development rights; heritage listing; public sector and institutional investment valuation.

**Courses:** CN52

**Prerequisites:** CNB186 I, CNB286, CNB284

**Credit points:** 12

**Contact hours:** 4 per week

**CNB383 RESEARCH METHODOLOGIES**
The unit will allow the student to develop research and retrieval skills involving books, periodicals and electronic publications. Research methodologies and strategies, research statistical analysis, and presentation and dissertation writing will also be covered to improve research presentational skill.

**Courses:** CN52

**Credit points:** 12

**Contact hours:** 4 per week

**CNB384 DEVELOPMENT STUDIES 2**
The unit builds on the knowledge and experiences of CNB380 Development Studies 1. Utilising case studies it seeks to refine the student’s skills and open new development issues for clarification.

**Courses:** CN52

**Prerequisites:** CNB380, CNB285, CNB381

**Corequisites:** CNB385

**Credit points:** 12

**Contact hours:** 4 per week

**CNB385 INVESTMENT ANALYSIS 2**
The unit builds on the experiences and knowledge gained in previous valuation and analysis units, in particular Investment Analysis 1. It explores further the contemporary methods of real estate investment analysis, and challenges the student to question traditional analysis methods and their appropriateness in today’s changing investment environment.

**Courses:** CN52

**Prerequisites:** CNB381

**Corequisites:** CNB384

**Credit points:** 12

**Contact hours:** 4 per week

**CNB386 PROPERTY & ASSET MANAGEMENT**
The unit provides a detailed insight into all aspects of property management, from residential through to 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. Particular attention is paid to issues concerning the physical, financial and legal management of real estate investments with a view to sustaining optimal investment returns.

**Courses:** CN52

**Prerequisites:** CNB183, CNB283, CNB185, CNB182, CNB282, CNB280, CNB186

**Credit points:** 12

**Contact hours:** 4 per week

**CNB387 RESEARCH PROJECT**
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 instead of this unit. Students who are permitted to proceed may opt to take a third elective instead of the research project after consultation with the Course Coordinator.

**Courses:** CN52

**Prerequisites:** Final Semester subject, CNB383

(Min.Grade 5)

**Credit points:** 12

**Contact hours:** 4 per week

**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

**Credit points:** 12

**Contact hours:** 3 per week

**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

**Credit points:** 12

**Contact hours:** 3 per week

**CNB408 ADVANCED BUILDING & CIVIL CONSTRUCTION**
The unit introduces students to the different demands of the building and the civil engineering approach to construction and highlight 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

**Credit points:** 12

**Contact hours:** 3 per week

**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 unit 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

**Credit points:** 12

**Contact hours:** 3 per week

**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

**Credit points:** 12

**Contact hours:** 3 per week

**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

**Credit points:** 12

**Contact hours:** 3 per week

**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 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

**Credit points:** 12

**Contact hours:** 3 per week

**CNB423 PROFESSIONAL PRACTICE 2**
The unit is a continuation of Professional Practice 1 (CNB409). 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
Credit points: 12
Contact hours: 3 per week

■ CNB424 SPECIALIST MEASUREMENT
The measurement of complex and/or unusual civil and heavy engineering works, including earthworks, roadworks, piling, refinery/processing plant and mining and offshore platforms. The application of alternative informal methods of measurement including simplified quantities, trade bills and builders quantities to more complex building works.

Courses: CN53
Prerequisites: CNB408
Credit points: 12
Contact hours: 3 per week

■ CNB425 INTERNATIONAL CONSTRUCTION
It is proposed that a different country (or similar groups of countries) will be studied at each offering of this unit. As such, the specific content of the unit may vary slightly with each offering. It is also likely that the specific content may vary with each offering to allow the unit to allow current events in international business, politics and culture to be incorporated. For the chosen country the unit will, in general, include a study of the country’s history; culture; language; government and business structure and practices; construction practices; and construction personnel issues such as education, management skills, labour skills, and industrial relations. The unit will be concluded with a student-funded international trip (likely to be 2-4 weeks) to allow the students to experience first-hand the country studied during the semester — allowing students to immerse themselves in the culture and further enhance their language skills. Students will be involved in site visits and workshop (studio) type activities during the tour.

Courses: CN51, CN53
Credit points: 12
Contact hours: 3 per week

■ CNB426 COMMUNICATION AND CULTURAL STUDIES
The unit provides an introduction to active rather than passive reading leading to critical evaluation of short texts by journalists and essayists with a view to developing subtlety in persuasive writing. The unit extends into an evaluation of theatre and film through critical review based on an understanding of essential characteristics and techniques.

Courses: CN51, CN53
Credit points: 12
Contact hours: 3 per week

■ CNB452 COMPUTER SOFTWARE APPLICATIONS 2
Cost estimates using computer software packages, set-up of base accounts, parameter specifications; elemental and detailed estimate measurement; editing, correction and data manipulation; report generation and formatting; development of labour constants, standard rates and items; pricing, tendering, spreadsheet application; contract administration, variation control, rise and fall of final accounts; progress payments; cash flow forecasts.

Courses: CN33
Prerequisites: CNB647
Credit points: 4
Contact hours: 2 per week

■ CNB603 BUILDING MANAGEMENT 5
The construction labour market, supply and demand, awards, conditions and earnings differentials; role of the construction trade unions and negotiations between employer and unions; construction conciliation and arbitration systems; strikes

Courses: CN31, CN33
Credit points: 4
Contact hours: 2 per week

■ CNB606 PM18 LAND DEVELOPMENT STUDIES
The structure, operation and control of the land development industry including the political-economic framework; land use plans and approval mechanisms of subdivisible land; financial aspect of development projects, trends and prospects in the housing development industry.

Courses: CN31
Prerequisites: CNB623
Credit points: 4
Contact hours: 2 per week

■ CNB623 PM6 BUILDING DEVELOPMENT TECHNIQUES 1
Feasibility, market and location surveys; cost analysis; evaluation techniques, cash flows and sensitivity analysis; authorities, development restrictions, profitability, land values, building use, facilities, quality, staging; alternatives, value engineering, marketability, income and outgoings; cost and time control; tender procedures and negotiations, contract documentation; leasing, authorisation of payments, cash flow.

Courses: CN31, CN33
Prerequisites: CNB301, CNB343, CNB401, CNB502, CNB540, CNB545, CNB550
Credit points: 4
Contact hours: 2 per week

■ CNB624 PM7 BUILDING DEVELOPMENT TECHNIQUES 2
See CNB623.

Courses: CN31, CN33
Prerequisites: CNB623
Credit points: 4
Contact hours: 2 per week

■ CNB642 APPLIED COMPUTER TECHNIQUES
Evaluation of a range of commercial computer programs designed for the construction industry.

Courses: CN31
Prerequisites: CNB548, CNB550
Credit points: 6
Contact hours: 3 per week

■ CNB643 LAW 5 COMMERCIAL LAW
The law as it affects the construction industry; sale of goods, hire purchase; negotiable instruments; insurance law; partnership law and general principles of company law; bankruptcy and liquidation.

Courses: CN31
Prerequisites: CNB404, CNB502
Credit points: 3
Contact hours: 1.5 per week

■ CNB647 COST PLANNING & COST CONTROL 1
Significance of construction economics; cost planning and approximate estimating; cost implication of design variables; cost implications of construction methods, site and market conditions, prefabrication and industrialisation; types of approximate estimates; cost analyses, indices and data; cost in use, maintenance and running costs, life of buildings and components; taxation and insurance.

Courses: CN33
Prerequisites: CNB005, CNB006, CNB009, CNB010, CNB446, CNB461, CNB462, CNB524, CNB540
Credit points: 4
Contact hours: 2 per week

■ CNB648 COST PLANNING & COST CONTROL 2
Continuation of CNB647.

Courses: CN33
Prerequisites: CNB647
Credit points: 4
Contact hours: 2 per week

■ CNB653 POST-CONTRACT SERVICES 2
Continuation of CNB526.

Courses: CN33
Prerequisites: CNB526
Credit points: 5
Contact hours: 2.5 per week

■ CNB656 BUILDING RESEARCH
History of building research; definition of research; Australian and international building research organisations; nature of the building industry and implications for research; financing research; future developments in building research; research management; research process; development and presentation of a bibliographic report.

Courses: CN31, CN33
Prerequisites: Final year
Credit points: 18
Contact hours: 4/5 per week

■ CNMN103 DISSERTATION
This unit is compulsory for students enrolled at the Masters level and covers a period over two semesters. The unit incorporates lectures in research methodology and information retrieval. 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 topic must be in an area related to facilities management.

Courses: CN75
Credit points: 48

■ CNN441 DISSERTATION
See CNN442.

Courses: CN77
Credit points: 48

■ CNN442 DISSERTATION
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
Credit points: 48

■ CNP100 FUNDAMENTALS OF FACILITIES MANAGEMENT
The unit concentrates on strategic issues of organisations in relation to the identification, provision and management of property assets to support the core business delivery. Facilities management is regarded as an integral part of the overall business and can both contribute to and influence strategic decisions. The content of this unit is intended to set the context and define the role of strategic facility planning within organisations. Property is regarded as a business resource that needs to be optimised just as people and technology. A clear understanding of the organisation’s core business dictates its space needs, together with people and technology. Together, they represent the resources in organisations that must be optimised. Topics covered include definition, context and role of Facilities Management in organisations; corporate real estates as a business resource and asset; structuring and resourcing the Facilities Management set-up; benchmarking and performance measurements; real estate portfolio review; and post occupancy evaluation.

Courses: IF91, IF92, CN75
Corequisites: GSN204
Credit points: 12
Contact hours: 3 per week

■ CNP101 FACILITIES SUPPORT SERVICES MANAGEMENT
The focus of this unit is an appreciation of the nature and scope of facilities support services to businesses. The assessment of support services demand the evaluation of an appropriate procurement strategy and its operational management. Topics covered include service demand evaluation, scope of support services, service level agreements, performance evaluation, contracting out of support service, procurement strategy and support services contract management.

Courses: IF91, IF92, CN75
Credit points: 12
Contact hours: 3 per week

■ CNP102 SPACE PLANNING AND WORKPLACE STRATEGIES
The focus of this unit is to provide a clear understanding of the social, technological and organisational factors impacting on the design and management of workplace environment within organisations. Basic principles covering the assessment of space demand and space planning and management form the core of this unit. The influence of organisation culture on the design of the physical workplace environment is discussed together with innovations in workplace strategies.

Courses: IF92, CN75
Credit points: 12
Contact hours: 3 per week

■ 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, organisational design and project structure, communication, managing change and performance measurement (time, cost and quality).

Courses: CN64, CN77, CN81
Credit points: 12
Contact hours: 3 per week
Incompatible with: CNP431

■ CNP521 PROJECT COST & RISK MANAGEMENT
Central to project and construction management is the identification of project risks 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 costs and risks. The unit covers techniques and tools essential for proactive project and cost management, and the fundamentals of risks evaluation associated with project implementation.

Courses: CN64, CN77, CN81
Credit points: 12
Contact hours: Block format
Incompatible with: CNP400, CNP401

■ CNP532 STRATEGIC TECHNOLOGY MANAGEMENT
This unit introduces key concepts in understanding the role of innovation and technology and its efficient management, to build and maintain a competitive edge in business. Strategic 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
Credit points: 12
Contact hours: Block format
Incompatible with: CNP433

■ CNP533 PROJECT MANAGEMENT LAW
Aims to create an 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 the key principles of Tort law, Contract law, Construction law and dispute resolution processes.

Courses: CN64, CN77, CN81
Credit points: 12
Contact hours: 3 per week
Incompatible with: CNP433

■ CNP534 INTERNATIONAL PROJECT MANAGEMENT
Introduces key concepts, and furthers the understanding of international issues in project management 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
Prerequisites: CNP520
Credit points: 12
Contact hours: 3 per week
Incompatible with: CNP406

■ CNP545 PROJECT DEVELOPMENT
Focuses on issues relating to feasibility assessment of potential property development opportunities and the development process. Topics covered include evaluation of project feasibility – financial, social and legal aspects; and marketing, project team formation, contract and procurement options.

Courses: CN64, CN77, CN81
Credit points: 12
Contact hours: 3 per week
Incompatible with: CNP426

■ CNP546 STRATEGIC ASSET MANAGEMENT AND MAINTENANCE
Strategic Asset Management and Property Maintenance is rapidly emerging as a discipline in which project managers are becoming increasingly involved. The unit stresses the importance of the role of physical assets as an enabling resource in organisations. The adoption of a proactive approach to the management of corporate built assets as part of whole-life asset
management, covering life cycle considerations, functional and legal parameters, as well as essential support services.

**Courses:** CN64, CN77, CN81, IF92, CN75

**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** CNP403

**CNP547 PROPERTY VALUATION & INVESTMENT**

Property (or real estate) as one of a number of competing investments available in the investment market. Attributes of property as an investment medium. The unit covers principles and strategies of property investment, investment financing and valuation techniques. Time value of money, cashflow models and taxation issues related to property investment. Basic concepts of value and worth, and processes and methods used in property valuation.

**Courses:** CN64, CN77, CN81  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** CNP402, CNP438

**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 human 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  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** CNP431, CNP437

**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: quality management, buildability, value analysis, case studies, arbitration, benchmarking.

**Courses:** CN64, CN77, CN81  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** CNP430

**CNP553 INFORMATION TECHNOLOGY FOR PROJECT MANAGERS**

The revolution in information technology and the widespread use of personal computers requires that project managers must not only have skills in using a range of appropriate software, but also an appreciation of information resources and the impact of information technology on construction management and property valuation processes. In this respect, the unit is designed to provide competency in the selection and use of appropriate information technology support software and hardware.

**Courses:** CN64, CN77, CN81  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** CNP434, CNP668

**CNP554 ADVANCED LAND DEVELOPMENT**

This unit provides an understanding of the housing industry and detailed insight into feasibility analysis of land development sites. Topics covered include housing policy, demographics, housing choice and affordability, as they impact upon the real estate market. Case studies include residential feasibility studies and multidisciplinary projects.

**Courses:** CN64, CN77, CN81  
**Prerequisites:** CNP545  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** CNP404

**COB003 PROFESSIONAL WRITING**

The principles of, and strategies for, writing effective technical documents. Practical understanding of written language: organising ideas, and presenting those ideas in a cohesive text using generic features appropriate to the technical professions.

**Courses:** AR48, BN30, SV34  
**Credit points:** 6  
**Contact hours:** 1.5 per week  
**Incompatible with:** COB163

**COB005 SCIENTIFIC AND TECHNICAL WRITING**

The development of writing skills for scientists and technological professionals, based on a practical and theoretical understanding of scientific and technical discourse.

**Courses:** BS56, SC30  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** COB166

**COB008 INTRODUCTION TO ACADEMIC WRITING**

An introduction to academic writing, in particular, academic essays. The unit teaches students a variety of generic writing skills that can be used across all disciplines.

**Courses:** SC30  
**Credit points:** 6  
**Contact hours:** 2 per week  
**Incompatible with:** COB002

**COB010 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 are oriented toward this discipline.

**Courses:** IT21  
**Prerequisites:** Successful completion of the first year of IT21, or 96 credit points of approved prior study  
**Credit points:** 12  
**Contact hours:** 5 per week  
**Incompatible with:** BSB118

**COB172 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  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** COB121

**COB173 TEXT FORMATTING**


**Courses:** ED50  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** COB119

**COB203 COMMUNICATION RESEARCH METHODS**

The research methods dealt with include observation, group discussions, experimental studies, qualitative research and survey research. Special applications for communication research are considered and ethical issues discussed. Students will carry out projects using some of these methods, carry out elementary statistical procedures, analyse the results, and present their conclusions.
■ COB204 COMMUNICATION TECHNOLOGY FOR ORGANISATIONS
Examines the process of adoption and implementation of new communication technologies within national and international business organisations. In particular, students will examine the role of the new communication technologies in managing and changing communication relationships within and between organisations.
Courses: BS50, BS56
Prerequisites: BSB112; or 48 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB159, MKB112

■ COB206 INDEPENDENT STUDY
An opportunity for advanced level undergraduate students to undertake individual research in an area which is complementary to their course work.
Courses: BS50, BS56
Prerequisites: Prior approval from the Head of School
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB161

■ COB207 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
Prerequisites: BSB116 & BSB117
Credit points: 12
Contact hours: 3 per week

■ COB208 INTERCULTURAL COMMUNICATION & DIVERSITY
Promotes understanding of the implications of cultural diversity as it affects communication. This unit will assist students not only to manage diversity in workplace settings and critical situations but also to understand and value the stimulus of diversity on our cultural forms and commercial enterprises. It will focus particularly on racial, ethnic, and gender based diversity.
Courses: BS50, BS56
Prerequisites: BSB117; or 48 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12
Contact hours: 3 per week

■ COB211 MASTERY THE INFORMATION ENVIRONMENT
Introduces students to the central importance of information-gathering and information processing behaviours in business settings. Grounded in social psychological theory, the subject equips students to develop understanding and critical insights concerning their own information-gathering/processing behaviours. Also addressed are information-gathering and processing behaviours as key coping strategies as individuals interact, and seek control over, their business and social environments. The particular information needs of business in emergent electronic environments are also addressed.
Courses: BS56
Prerequisites: BSB112; or 96 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12
Contact hours: 3 per week

■ COB212 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.

■ COB213 STRATEGIC SPEECH COMMUNICATION
Based in rhetorical and group communication theory and informed by a knowledge of semiotics, specifically the way sign systems both create and interpret social meaning. Through these theories it introduces students to a fuller understanding of the verbal and nonverbal languages of communication. Theory and practice are interrelated to develop understanding and self-reflexivity within students concerning their own communication skills. This approach has the intention of guiding them to become effective persuaders, opinion leaders, and facilitators of both creative problem-solving and conflict management in groups within the workplace.
Courses: BS50, BS56, IF26, IF41, IF54
Prerequisites: BSB117; or 48 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB134, MJB180

■ COB214 SUPERVISED PROJECT
An individual research project investigating an approved aspect of communication technology.
Courses: ED50
Prerequisites: COB212
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB128

■ COB215 SUPERVISION & ADMINISTRATION
The impact of technological change on the supervision and administrative practices as they relate to communication processes in organisations; the role and duties of supervisory and administrative personnel in information processing; the impact of the technology on these roles and duties.
Courses: ED50
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB126

■ COB216 THEORETICAL PERSPECTIVES ON COMMUNICATION
Surveys the intellectual foundations of the communication discipline and provides an introduction to various theoretical explanations of communication. Applications to the problems and opportunities encountered in the areas of organisational communication, public relations and advertising will be stressed.
Courses: BS50, BS56, IF26, IF41
Prerequisites: BSB115 and BSB117; or 48 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB113

■ COB217 WRITING FOR THE COMMUNICATION PROFESSION
Covers the theory and practice of academic and journalistic writing. The unit builds on students’ intuitive understanding of how words work and equips them to work as writers and editors with a command of language structure and style.
Courses: BS50, BS56, IF26, IF41
Prerequisites: BSB117
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB138, MJB170

■ COB218 INTERNET COMMUNICATION
This unit addresses an important new area of communication and explores the way in which the Internet is changing communication practice. It examines the nature, history and social implications of the new technology, including ethical and legal issues and security. The impact of the Internet on consumer behaviour and how this translates into the marketing mix and marketing communications is analysed. Students will develop skills in strategic planning, creative strategy and design, media planning, research and campaign evaluation.
Courses: BS56
Prerequisites: BSB112 and BSB117 or 96 credit points of approved prior study
Credit points: 12
Contact hours: 3 per week
■ COB300 ADVANCED ADVERTISING
An expansion and addition of theoretical perspective and skills gained in the prerequisite units. Advanced Advertising challenges students to apply these perspectives to more demanding advertising problems and in the process develop portfolio material.
Courses: BS50, BS56
Prerequisites: COB305 and COB308, or COB317
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKB127

■ COB302 ADVANCED INTEGRATED MARKETING COMMUNICATION
Develops the theoretical basis of integrated marketing communication in an applied framework. Students develop integrated marketing communications plans for “real” organisations and present these plans with recommendations for implementation.
Courses: BS50, BS56
Prerequisites: COB207
Credit points: 12
Contact hours: 3 per week

■ COB303 ADVERTISING CAMPAIGNS
In this capstone unit, students draw on the knowledge and skills gained during their study to plan and execute advertising campaigns. The subjects of these campaigns will be drawn from actual industry marketing situations.
Courses: BS50, BS56
Prerequisites: COB304 and COB306 and COB308 and COB309 and COB317
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKB131

■ COB304 ADVERTISING COPYWRITING
An important base for further study in advertising: students are introduced to the principles, theory, and practice relating to the creation of advertisements. The role of the copywriter in the advertising process is examined as is the relationship between 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 specialists.
Courses: BS50, BS56
Prerequisites: COB217
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKB118

■ COB305 ADVERTISING COPYWRITING – ELECTRONIC
Applies the principles and theories developed in Advertising Copywriting to the electronic media. Students develop their writing skills through practical assignments for television, radio, corporate video and multimedia.
Courses: BS50, BS56
Prerequisites: COB304
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKB119

■ COB306 ADVERTISING MANAGEMENT
Provides students with an understanding of the managerial side of the advertising profession and to equip them with the tools they need to make executive decisions in advertising. Students will examine the process of setting appropriate advertising objectives, designing a program of advertising research, the social environment and regulation of advertising, managerial participation in the creative and media planning process, account management in an advertising agency, client-company management and the advertising process, completing theoretical concepts of ‘how advertising works’.
Courses: BS50, BS56
Prerequisites: COB216 and COB304 and COB308
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKB126

■ COB307 ADVERTISING REGULATION & ETHICS
Introduces students to and familiarises them with the various laws, regulations, standards, and codes which apply to all forms of advertising in Australia. Students will examine changing guidelines, contentious advertisements, topical claims and particular product and service categories.
Courses: BS50, BS56
Prerequisites: COB308
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKB122

■ COB308 ADVERTISING THEORY & PRACTICE
An introduction to later units in the communication course, and is a prerequisite for further advertising units. The principles of advertising give students an overview of the advertising industry. The unit uniters the relationship of the institutions of advertising, the advertisers, the advertising agencies, and the media. It details methods of determining advertising budgets, establishing target audiences, interpreting audience ratings, and circulation figures, and enables students 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 today’s society.
Courses: BS50, BS56
Prerequisites: BS117; or 96 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKB116

■ COB309 APPLIED COMMUNICATION RESEARCH
Follows on from the unit Communication Research Methods. Students demonstrate that they understand and can integrate communication principles used in the specialisations of organisational communication, public relations and advertising, through a wide variety of contexts, situations and problems. They participate in and present a project that demonstrates an understanding of applied communication research in designating communication responses to problems in local, national and international organisations. In addition, they will analyse a broad range of applied communication projects through national and international case studies. In effect, the unit highlights how communication challenges arise through competing interests of various publics and how effective messages, written texts, speeches, media presentations and campaigns have the capacity to impact on society.
Courses: BS50, BS56, IF26, IF41
Prerequisites: COB203
Credit points: 12
Contact hours: 3 per week

■ COB310 COMMUNICATION ISSUES
Examines the social structure and dynamics that influence the individual’s perception and decoding of messages; attitude formation; consumer choice; behaviour change; and responses to professionally mediated communication. It uses a changing range of contemporary issues as a focus of applied theory. The course raises student awareness of contemporary issues that shape and respond to social practice, explaining how to track the emergence and development of these issues. A major focus of the unit involves a specific examination of the impact of communication technology on social discourse. The unit culminates in the creation of a theoretical base for the appropriate targeting of messages in the practice of public relations, advertising and organisational
Courses: BS50, BS56, IF26, IF41
Prerequisites: COB203 and COB216
Credit points: 12
Contact hours: 3 per week

■ COB311 COMMUNICATION PRACTICE: INTERPERSONAL & PRESENTATIONAL STRATEGIES
Explores interpersonal and presentational communication skills and how these interact with, and influence, attitudes and behaviours within organisations. It also looks at the concept and realities of power in organisational life. Theoretical bases of rhetoric, semiotics, and interpersonal communication will be foregrounded as they contribute to an understanding of strategic communication in a variety of workplace contexts. Theory and practice of different genres of spoken communication will be examined to develop understanding and self-reflexivity within
students. Topics relating to organisational communication, public relations and advertising will inform content, practice and assessment.

Courses: BS50, BS56 Prerequisites: COB213 or MJB180
Credit points: 12 Contact hours: 3 per week
Incompatible with: COB158

- **COB313 CONSULTING FOR THE COMMUNICATION SPECIALIST**
Identifies and critically analyses organisational communication issues through planning a course of action; using research to monitor change; applying problem-solving skills. It is tailored for students who have completed most of the organisational communication major and is designed as an advanced level preparation for employment in the field. The student defines, analyses and makes recommendations to resolve a communication difficulty or problem that is relevant to an organisation. It requires that the student make pragmatic connections to a real issue.

Courses: BS50, BS56 Prerequisites: COB203 or COB318
Credit points: 12 Contact hours: 3 per week
Incompatible with: COB100, COB102

- **COB314 CORPORATE WRITING & EDITING**
Deals with current principles and practices in writing corporate documents. Students will develop an understanding of language and style to allow them to make the sophisticated rhetorical choices necessary in professional writing and publishing. Topics covered include the content, style and presentation of corporate documents, reader considerations and influences of new technology on corporate culture.

Courses: BS50, BS56 Prerequisites: COB217
Credit points: 12 Contact hours: 3 per week
Incompatible with: COB157

- **COB315 DIRECT RESPONSE ADVERTISING**
Builds upon the underlying philosophies and practice of direct marketing and the emergence of interactivity and database technology. A major focus will be on the creative aspects of direct response advertising including developing creative strategies, copywriting, planning campaigns and evaluating response. There is a considerable emphasis on practical work.

Courses: BS50, BS56 Prerequisites: COB203 and COB306
Credit points: 12 Contact hours: 3 per week
Incompatible with: MKB128

- **COB316 GOVERNMENT & FINANCIAL RELATIONS**
Through the presentation of case studies in financial and government relations, students develop an understanding of problem definition, the planning and implementing of public relations programs, and the communication strategies designed to solve specific problems.

Courses: BS50, BS56 Prerequisites: BSB114 and COB324
Credit points: 12 Contact hours: 3 per week
Incompatible with: MKB132

- **COB317 MEDIA PLANNING**
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 students 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 Prerequisites: COB308
Credit points: 12 Contact hours: 3 per week
Incompatible with: MKB125

- **COB318 ORGANISATIONAL COMMUNICATION**
Identifies and explores a range of issues of importance in organisations: organisational culture, power and politics, influence strategies, organisational change, managing diversity, including issues of gender and intercultural communication, impact of technology, and ethics. Both traditional and critical perspectives on managing communication will be explored.

Courses: BS50, BS56 Prerequisites: COB216
Credit points: 12 Contact hours: 3 per week
Incompatible with: COB112

- **COB320 PROFESSIONAL ADVERTISING PRACTICE**
Places students in an industry environment where they are required to work in the four major areas of advertising: advertising management, production, creative and media planning. Students are required to write a report and relate their experience in an advertising agency to the course they have undertaken at QUT.

Courses: BS50, BS56 Prerequisites: COB306
Credit points: 12 Contact hours: 3 per week
Incompatible with: MKB106

- **COB321 PROFESSIONAL PUBLIC RELATIONS PRACTICE**
Students must undertake 160 hours of field expertise within a relevant public relations function in an organisation or consultancy. Seminars are conducted before and after the work experience to prepare the students for the work environment and to analyse the work experience.

Courses: BS50, BS56 Prerequisites: COB324
Credit points: 12 Contact hours: 3 per week
Incompatible with: MKB110

- **COB322 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 Prerequisites: COB309 and COB324
Credit points: 12 Contact hours: 3 per week
Incompatible with: MKB117

- **COB324 PUBLIC RELATIONS ISSUES & STRATEGIC PLANNING**
Consists of four modules: public relations in the context of strategic management; issues management; strategic public relations research; and strategic public relations planning. Students work in small groups to research, prepare and present a public relations campaign for an organisation.

Courses: BS50, BS56 Prerequisites: COB203 and COB327
Credit points: 12 Contact hours: 3 per week
Incompatible with: MKB133

- **COB325 PUBLIC RELATIONS THEORY & PRACTICE**
Introduces the theory and practice of public relations. The history, theories, models and management of public relations activities and processes are covered including methods of communicating with different groups within society. Students are introduced to areas of specialisation including employee relations, corporate identity development, community relations, financial relations, media liaison and government relations.

Courses: BS50, BS56, IF41 Prerequisites: BSB117; or 96 credit points of approved prior study for non-Bachelor of Business students only
Credit points: 12 Contact hours: 3 per week
Incompatible with: MKB124

- **COB326 PUBLIC RELATIONS WRITING**
Develops students’ abilities to plan, write and manage written and oral communication in the public relations context. It builds on earlier writing units to enable students to respond to
 specialist communication settings, media and audiences, increasing their ability to evaluate communication requirements and their flexibility in meeting these varying requirements. The unit offers a broad perspective on organising and developing writing functions in corporate settings, particularly with respect to corporate speechwriting and house newsletters and magazines, as well as providing the opportunity to advance public relations writing abilities.

**Courses:** BS50, BS56  
**Prerequisites:** COB325  
**Credit points:** 12  
**Corequisites:** COB327  
**Contact hours:** 3 per week  
**Incompatible with:** MKB120

■ **COB327 PUBLICATION MANAGEMENT**
Analyses the steps involved in communicating in print and managing this process. It focuses on the role of the communication consultant to negotiate tension between a client’s specifications and an audience’s requirements, and oversee the management of resources to produce a tangible print product, as a valuable element in a communication program. The unit offers students the opportunity to produce a ‘real life’ brochure for a client. Desktop publishing training is an adjacent to this unit, and is required for assignments.

**Courses:** BS50, BS56  
**Prerequisites:** COB325 and COB329  
**Credit points:** 12  
**Corequisites:** COB329  
**Contact hours:** 3 per week  
**Incompatible with:** MKB123

■ **COB328 PUBLICITY & PROMOTION – ELECTRONIC**
Examines opportunities for public relations practitioners using electronic media. These include public relations opportunities using radio and television, corporate videos, video news releases, videoconferencing, community service announcements and the Internet/multimedia. Students produce an electronic public relations tool for a client organisation, including scripting, presenting and production management.

**Courses:** BS50, BS56  
**Prerequisites:** COB329  
**Credit points:** 12  
**Corequisites:** COB329  
**Contact hours:** 3 per week  
**Incompatible with:** MKB130

■ **COB329 PUBLICITY METHODS**
Focuses on the tools and methods public relations practitioners use to obtain publicity for their organisation or client. Students are taught to write media releases, media alerts and material for media kits for both print and electronic media. Integral to all elements of the unit is the identification of newsworthiness and how this differs for different audiences and media. The students work hands-on in tutorials with various scenarios. ‘Real World’ clients are used for student assessment.

**Courses:** BS50, BS56  
**Prerequisites:** COB217  
**Credit points:** 12  
**Corequisites:** COB325  
**Contact hours:** 3 per week  
**Incompatible with:** MKB129

■ **COB332 ISSUES IN PUBLISHING**
The processes involved in book and magazine publishing; changing media habits and literacy skills of consumers; the impact of technology and business; strategic positioning; editorial concepts and steps in production.

**Courses:** BS50, BS56, BS72  
**Prerequisites:** COB217; or PG enrolment  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** COB109

■ **COF001 COMPUTING 1**
Designed to introduce students to the potential applications of computers and to recognise areas of human activity where computer applications are both possible and desirable; graphical user interfaces; searching for information using the Internet; word processing; spreadsheets; reports; graphical presentation and communication; acquire judgment and discipline in relation to gathering, storing and retrieving information.

**Contact hours:** 4 per week

■ **COF002 COMPUTING 2**
The terms and techniques used in the computerised business packages in Microsoft Office, including word processing, spreadsheets and databases; the skills required to produce documentation that will be of an acceptable standard at a tertiary level; the use of technology to develop a critical approach to information gathering.

**Contact hours:** 5 per week

■ **CON401 ADVANCED ORGANISATIONAL COMMUNICATION**
Organisational communication 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 productivity for organisations and rewards for employee participation.

**Courses:** BS57, BS88, BS93  
**Prerequisites:** PG only  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** CON102

■ **CON404 COMMUNICATION PRACTICE FOR PROFESSIONALS**
Covers key theoretical principles and practical applications of presentation and writing skills in the workplace. Topics include theories of language and communication, structuring and designing for an audience, analysis of documents and speech presentations, managing and mentoring the writing and presentation skills of staff, and preparation for staff training and consulting in these roles.

**Courses:** BS30, BS72, BS88  
**Prerequisites:** PG only  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** COB213, COB217

■ **CON405 COMMUNICATION PROJECT**
Students in the coursework Masters program undertake a study of an applied or theoretical communication issue. This will be based on the published literature and may also involve primary research. Students may wish to undertake a study of a communication issue or problem in a particular organisation or industry. Project supervision will be arranged by the Course 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

■ **CON406 COMMUNICATION STRATEGIES**
Communication theory put into practice. Examples of policy and plans; how to produce the appropriate change through communication. The ethics of persuasion and the problems of cooperation explored in the process of policy formation and planning. Students take into account the social implications of producing change, the role of the change agent, and ways to monitor the effects in Australia as well as developing societies.

**Courses:** BS63, BS72, BS88, BS92, BS93  
**Prerequisites:** PG only; with an UG degree in Communication or CON420  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** CON101

■ **CON407 COMMUNICATION TECHNOLOGY & GLOBAL NETWORKS**
Examines the technical principles and organisational features of contemporary and emerging communication technologies, and specifically focuses on global networks used for interpersonal and inter-organisational purposes within national and international communities. Theories of planned and unplanned change are applied to assess the social and economic impact of these technologies. Among the topics to be addressed are information society, participatory forms of social change, the integration of interactive media through the global transmission of
data in digital form, and the organisational applications of high-definition video.

Courses: BS63, BS72, BS88, BS92, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: COP108

■ CON408 CRISIS COMMUNICATION
Examines the strategic management of crisis communication including pre-crisis planning, issues identification, audience prioritisation, strategy formulation, tactical planning and implementation and evaluation. The subject covers both internal and external communication during times of crisis. Pre-crisis issues 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
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

■ CON409 FINANCIAL COMMUNICATION
Reviews all aspects of the public relations function in communicating with financial markets. Specific focus is placed on how publicly listed companies meet both regulatory and marketing requirements in communicating with external audiences. Suitable communication tools will be examined for use in ongoing investor relations programs as well as in specialist situations including financial communication during takeover and capital raising periods.

Courses: BS72, BS88, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

■ CON410 INTERPERSONAL COMMUNICATION & NEGOTIATION
Explores the theory and practice of interpersonal communication and negotiation. It focuses on the role of interpersonal and group skills in the development of effective work teams. Current understandings of the dynamics of power and participation in communication processes in organisations will be used to contextualise the experience of the individual and the group. An analysis of the possibilities of, and the constraints on, effective interpersonal communication will be undertaken to provide the opportunity for students to develop strategies to support workplace practice.

Courses: BS72, BS88
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB205, COB213

■ CON411 INDEPENDENT STUDY
An opportunity for advanced level postgraduate students to undertake individual research in an area which is complementary to their course work.

Courses: BS72, BS88, BS93
Prerequisites: PG only; plus prior approval from the Head of School
Credit points: 12
Incompatible with: COP111

■ CON412 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: BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

■ CON413 ISSUES IN INTERCULTURAL COMMUNICATION
Addresses issues which are related to: culture as a determinant of human behaviour (stereotypes, typifications and human uniqueness); the dynamics of intercultural contact for interpersonal cooperation and/or competition; the implications of cultural diversity for societal enrichment or disintegration; the consequences for self identity in an interconnected world.

Courses: BS72, BS88, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: COB107

■ CON414 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
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

■ CON415 PUBLIC RELATIONS MANAGEMENT
Provides an understanding of the theory and practice of public relations. The history, theories, models and management of public relations activities and processes are covered including methods of communicating with different groups within society. Students will explore areas of specialisation including issues management, community consultation, crisis management, community relations, media liaison and government relations.

Courses: BS30, BS72, BS88
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

■ CON416 READINGS IN COMMUNICATION
Provides students with the opportunity to explore in depth the literature on a particular topic or area of communication under the direction of a supervisor. The readings should integrate and consolidate aspects of the studies undertaken in the course to date. Students are required to meet regularly with the supervisor for discussion and advice and to submit a paper of 4000 to 5000 words at the end of semester.

Courses: BS93
Prerequisites: PG only; 48 credit points of approved prior study
Credit points: 12
Contact hours: 3 per week

■ CON417 SEMINAR IN 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: BS72, BS88
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

■ CON418 SEMINAR IN 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
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

■ CON419 STRATEGIES FOR CREATIVE ADVERTISING
Examines the implications arising from current theories of creative advertising. It requires students to develop an advanced applied and theoretical perspective of creative strategy. Areas for discussion include the development of a creative process, creative thinking, the use of appeals and execution styles, how they affect the creative impact of a campaign, and the message development of the communication process.

Courses: BS72, BS88, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

■ CON420 THEORIES OF HUMAN COMMUNICATION
Surveys the intellectual currents that inform the communication discipline. As communication is a multidisciplinary study,
a wide range of theories, methods and contexts will be covered. This course will provide a foundation for understanding communication in a sophisticated and systematic way, and will apply that understanding to real-life business situations.

**Courses:** BS30, BS72, BS88  
**Prerequisites:** PG only  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** COB113, COB216

**CON421 SEMINAR IN INTEGRATED MARKETING COMMUNICATION**

The practice of IMC is emerging as a valuable means of gaining a competitive advantage. Students will be developing the theoretical concepts of integrated marketing communication in a practical environment. Issues include IMC strategy, corporate identity, the identification and management of all types of communication and the integration of the four discipline areas of advertising, public relations, direct response, and sales promotion, planning and evaluation of integrated marketing communication programs.

**Courses:** BS72, BS88, BS93  
**Prerequisites:** PG only; plus 48 credit points of approved prior study  
**Credit points:** 12  
**Contact hours:** 3 per week

**CON423 CORPORATE WRITING**

Covers current principles and practices in writing and designing corporate communication. Students will develop an understanding of language and style to allow them to make the rhetorical choices necessary in corporate writing and publishing and speech preparation. The unit develops students' abilities to understand and write effectively for different internal and external audiences and occasions and to work productively with clients.

**Courses:** BS72, BS88, BS93  
**Prerequisites:** CON404  
**Credit points:** 12  
**Contact hours:** 3 per week

**CON424 PUBLIC RELATIONS METHODS**

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:** BS72, BS88, BS93  
**Prerequisites:** PG only  
**Credit points:** 12  
**Contact hours:** 3 per week

**CON425 CORPORATE IDENTITY MANAGEMENT**

This unit is designed to introduce students to corporate identity management issues. The historical development of the concepts of corporate identity, corporate image and corporate reputation are dealt with, and the various schools of thought on corporate identity are introduced. The concept of the corporate identity mix is also presented. Types of identities, changes in identity and managing and evaluating corporate identity programs are discussed. Students learn the skill of conducting behavioural, visual and communication audits. The integration of corporate identity into the communication mix is also treated, with equal emphasis on internal and external stakeholders.

**Courses:** BS88, BS93, GS80, GS81  
**Prerequisites:** PG only  
**Credit points:** 12  
**Contact hours:** 3 per week

**CON500 QUALITATIVE RESEARCH ENQUIRY**

The purpose of this unit is to develop in students the ability to analyse, evaluate and conduct research in discipline areas related to business. It first introduces students to the epistemology of the research process, legitimating multiple approaches. Its focus thereafter is qualitative. It provides an essential and basic preparation for the development of a project, thesis or dissertation proposal. Areas of study include data collection and analysis, and include: research paradigms; analysis and criticism; research design; data collection; data manipulation and interpretation; and writing and presentation of a research paper.

**Courses:** BS63, BS92  
**Prerequisites:** PG only  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** BSN102

**CPB330 ABORIGINAL & TORRES STRAIT ISLANDER EDUCATION POLICY**

Historical, economic, social factors influencing the position of Aborigines and Torres Strait Islanders; cultural factors and educational policies and programs; development of policies and programs appropriate for these people.

**Courses:** ED43, ED50, ED51, ED52, ED54  
**Credit points:** 12  
**Contact hours:** 3 per week

**CPB331 ASIAN CULTURE & EDUCATION**

Provides pre-service teachers with knowledge and skills for working in the Asian context of Australian education. Content includes: cultural forms in Asia; contemporary socio-political developments; past and present educational strategies; promoting informed Asian awareness in curriculum and classrooms.

**Courses:** ED43, ED50, ED51, ED52, ED54  
**Credit points:** 12  
**Contact hours:** 3 per week

**CPB334 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.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79  
**Credit points:** 12  
**Contact hours:** 3 per week

**CPB336 EDUCATION & CULTURAL DIVERSITY**

The complex issues involved in catering for cultural diversity in schools and other education settings and strategies for professional practice in contexts of cultural diversity. Contents include: cultural change in education; racism in schooling; curriculum issues; English as a second language; school/community relations.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79  
**Credit points:** 12  
**Contact hours:** 3 per week

**CPB337 GENDER & EDUCATION**

The significance of gender issues in education, together with knowledge of relevant research and policy developments. There will be an emphasis on the implications for school organisation, curriculum and teaching strategies.

**Courses:** ED43, ED50, ED51, ED52, NS48, ED54  
**Credit points:** 12  
**Contact hours:** 3 per week

**CPB338 IDENTIFYING & 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:** ED34, ED50, ED51, ED52, ED54  
**Credit points:** 12  
**Contact hours:** 3 per week

**CPB339 TEACHING ABORIGINAL & TORRES STRAIT ISLANDER STUDENTS**

An examination of the cultural, linguistic and social background of Aboriginal and Torres Strait Islander students and their current educational needs. Curriculum issues and classroom strategies for more effective teaching of Aboriginal and Torres Strait Islander students, together with strategies for working with parents and the community.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79  
**Credit points:** 12  
**Contact hours:** 3 per week

**CPB340 CONTEXT OF ADULT & 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, citizenship and nationhood, demographics, and policy are explored through an historical and critical approach. Key points of investigation include issues raised by such changes. For example: access, equity and participation, credentialing, competency recognition, and the unintended consequences of policy.

Courses: ED54, ED26
Credit points: 12
Contact hours: 3 per week

<table>
<thead>
<tr>
<th>CPB341 COMMUNITY, LEADERSHIP &amp; CITIZENSHIP</th>
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</thead>
<tbody>
<tr>
<td>Contemporary issues and factors impacting on communities creating special needs for community education, leadership and organisational capacities, improved cultural awareness, and revitalised practices of active and informed citizenship.</td>
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Courses: ED54
Credit points: 12
Contact hours: 3 per week

<table>
<thead>
<tr>
<th>CPB342 EDUCATION IN CONTEXT</th>
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<tbody>
<tr>
<td>Education and change in a post-modern society; the implications for education of the complex and diverse nature of Australian society; the role of policy making in meeting the educational challenges of the 1990s.</td>
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Courses: ED53, ED50, ED51, ED52, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84
Credit points: 12
Contact hours: 3 per week

<table>
<thead>
<tr>
<th>CPB343 UNDERSTANDING EDUCATIONAL PRACTICES</th>
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<tbody>
<tr>
<td>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.</td>
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Courses: ED26, ED50, ED51, ED52, ED53, ED54, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84
Credit points: 12
Contact hours: 3 per week

<table>
<thead>
<tr>
<th>CPB344 VALUES &amp; ETHICS IN TEACHING</th>
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<tbody>
<tr>
<td>Theories of ethics, guides to ethical (moral) behaviour; influences that shape ethical perspectives and behaviour; communicating ethical beliefs and perspectives; making ethical judgements; justifying ethical judgements; the place of ethical values in teaching; creating an informed and ethical citizenship; a code of ethics for teachers.</td>
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Courses: ED43, ED50, ED51, ED52, ED54
Credit points: 12
Contact hours: 3 per week

<table>
<thead>
<tr>
<th>CPB345 INDIGENOUS CULTURE &amp; IDENTITY IN THE AUSTRALIAN CONTEXT</th>
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<tbody>
<tr>
<td>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.</td>
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Courses: ED50, ED51
Credit points: 12
Contact hours: 3 per week

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<thead>
<tr>
<th>CPB424 UNDERSTANDING SCHOOLS &amp; THEIR COMMUNITIES</th>
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<tr>
<td>Schools and education systems face many pressures and competing demands which have altered the nature of classroom teaching, administration, and relationships between teachers, students and their families. This unit, drawing on sociological perspectives, provides a way of understanding, evaluating and critically responding to these pressures which impact on schools.</td>
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Courses: ED26
Credit points: 12
Contact hours: 3 per week

<table>
<thead>
<tr>
<th>CPB426 USING HISTORY IN EDUCATION RESEARCH</th>
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<tbody>
<tr>
<td>An exploration of some of the legislative and administrative developments of Australian education. The focus will be on the sources of influence on education policy and administration, especially cultural, social, political and economic; the working of education bureaucracies; the leadership styles and administrative practices of professional leaders in education; case studies drawn from key turning points in schooling and society and studies of centralisation, decentralisation and structural reform.</td>
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Courses: ED26
Credit points: 12
Contact hours: 3 per week

<table>
<thead>
<tr>
<th>CPB442 CULTURAL DIVERSITY &amp; EDUCATION</th>
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<tr>
<td>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.</td>
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Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED56, IF70-79
Credit points: 12
Contact hours: 3 per week

<table>
<thead>
<tr>
<th>CPB444 ISSUES IN INDIGENOUS EDUCATION</th>
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<tbody>
<tr>
<td>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.</td>
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Courses: ED26, ED53, ED61
Credit points: 12
Contact hours: 3 per week

<table>
<thead>
<tr>
<th>CPB446 GENDER &amp; SEXUALITY ISSUES FOR TEACHERS</th>
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<tr>
<td>Gender and sexuality in the school context; historical and cultural nature of gender relations; current debates and their impact on gender equity policies; theories of gender and sexuality being contingent on their social context; social theories, particularly in the area of sexuality, feminism, gender construction and gender relations and school practice.</td>
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Courses: ED26, ED43, ED50, ED51, ED52, ED55, ED61, IF70-79
Credit points: 12
Contact hours: 3 per week

<table>
<thead>
<tr>
<th>CPB447 THE PLEASURE OF TEACHING &amp; LEARNING</th>
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<tr>
<td>Focuses on the missing dimension of desire in teaching and learning. It is designed with the purpose of helping all teachers and learners to claim more pleasure in pedagogical work (such as work that involves teaching and learning), however it is undertaken. It explores the changes taking place which impact on fundamental daily procedures and practices in educational institutions and considers how teachers and learners might do their work in ways that are ethically responsible, technologically literate, and personally rewarding. The unit is taught only in summer or winter school mode, because face-to-face contact is regarded as essential at the outset, given that most school teaching is still performed by a visible body. The study school will be followed by an abbreviated semester of independent study, using the study guide and set readings provided.</td>
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Courses: ED26
Credit points: 12

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<thead>
<tr>
<th>CPN603 CHANGING AGENDAS IN LEADERSHIP</th>
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<tr>
<td>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 in the late 1990s and provide a broad base for other work in the leadership and management area of interest.</td>
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Courses: ED13, ED11, ED61
Credit points: 12

Contact hours: 3 per week
- **CPN605 ORGANISATIONAL CULTURES & EDUCATION LEADERSHIP**
  An investigation of the dimensions of culture in educational organisations undergoing change through examining key issues that are covered with economic rationalism and social justice, strategic planning/management and leadership, cultural analysis and design and particularly devolution and accountability.
  
  Courses: ED13, ED11, ED61  
  Credit points: 12

- **CPN606 LEADERSHIP, WORK & CAREERS**
  Focuses on crucial issues in the nature of work and an understanding of the concept of career in the changing world of the 1990s. The unit provides an overarching view of discontinuity in social change and a basis for individuals to reconsider their own self-development and the management of their own careers.
  
  Courses: ED13, ED11, ED61  
  Credit points: 12

- **CPN607 GLOBAL CHANGE & EDUCATIONAL LEADERSHIP**
  Provides a comparative understanding of how various countries are responding educationally to international change. Particular attention is given to promoting cross-cultural skills for analysing and developing curriculum frameworks and policies which are sensitive both to the diversity at local level and to the need to strengthen international links in education. Individual essay projects may focus on how unit themes apply to Australian education including Indigenous education, to the Asia-Pacific region, or to selected post-colonial states.
  
  Courses: ED13, ED11, ED61, IF64  
  Credit points: 12

- **CPN609 SCHOOL-BASED MANAGEMENT & POLICY DEVELOPMENT**
  Explores how and why issues become policy priorities in schools and other educational settings, and examines why formal policy objectives do not always translate into effective practices in local sites. The unit provides skills in analysing policy trends and documents, and in developing strategies for effective school-based policy development.
  
  Courses: ED13, ED11, ED61, IF64  
  Credit points: 12

- **CPN611 POLICIES & PRACTICES FOR INCLUSIVE EDUCATION**
  Explores how difference, in terms of disability, has been socially produced, conceptualised and theorised. The historical, sociocultural, organisational, cultural 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

- **CPN613 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

- **CPN614 SOCIO-CULTURAL CONTEXTS OF CIVICS & CITIZENSHIP EDUCATION**
  Examines the origins of ideas and practice in citizenship education and focuses on how we can find the most effective and equitable means to impart to individuals how they can more fully participate in civic and community life in Australia. Students are encouraged to draw on their community and professional contexts for class discussion and assessment. Through assessments students evaluate current literature, particularly policy, in the field of civics and citizenship education and negotiate a project which is a practical investigation of a relevant issue within a school, community or workplace setting.
  
  Courses: ED13, ED11  
  Credit points: 12

- **CPN615 EQUITY POLICY & EDUCATIONAL MANAGEMENT**
  Provides students with an understanding of policy processes relating to equity management. Differing approaches to addressing educational inequalities are discussed with a particular focus on gender, race and ethnicity, and disability. Knowledge and expertise in this field of study will enable teachers and administrators to develop more effective strategies for change in schools and workplaces. The unit provides students with an opportunity to explore equity issues and strategies relevant to their own professional situations.
  
  Courses: ED11, ED13, ED61  
  Credit points: 12

- **CPN616 EDUCATIONAL MANAGEMENT PROCESSES & STRATEGIES**
  The management processes in educational and other professional settings; the identification of various leadership skills and effective communication styles. The understanding and facilitation of change are explored. Consulting, advocacy and empowerment strategies are identified in terms of the students particular work sites.
  
  Courses: ED13, ED11, ED61  
  Credit points: 12

- **CPN617 MANAGING AND LEADING EDUCATIONAL PERSONNEL**
  Human resource management; staff selection, staff supervision and appraisal, staff development and the importance of developing evaluation and facilitation skills. Strategies for including professional development in a range of educational and professional settings are explored.
  
  Courses: ED13, ED11, ED61  
  Credit points: 12

- **CPN618 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  
  Credit points: 12  
  Contact hours: 3 per week

- **CPN619 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  
  Credit points: 12  
  Contact hours: 3 per week

- **CPP501 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
Credit points: 12
Contact hours: 3 per week

■ CXB001 COMMUNICATION EXTENSION
An English language support unit 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.
Contact hours: 1 per week

■ CXF001 COMMUNICATION EXTENSION
An English language support unit 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.
Contact hours: 2 per week

■ EAB308 EARLY CHILDHOOD SCIENCES, MATHEMATICS & TECHNOLOGY
Overview of early childhood science, social studies and maths topics, concepts and processes; investigation of appropriate monitoring strategies; use of a variety of technologies; ways in which early childhood environments can be organised to support integrated, active, inquiry learning, with relevant resources from the immediate classroom, the outdoors, families and the local neighbourhood.
Courses: ED53
Credit points: 12
Contact hours: 3 per week

■ EAB324 INTEGRATING YOUNG CHILDREN WITH SPECIAL NEEDS INTO EARLY CHILDHOOD PROGRAMS
Integrated approach to teaching children with disabilities through an effective and co-operative team approach of teachers, families and support personnel; philosophical and policy issues for the least restrictive early education for young children with disabilities; range and nature of disabilities early childhood teachers may encounter in practice; development, implementation and evaluation of individualised programs; teaching strategies for integration into regular programs; needs and concerns of families; range of support services available to families and teachers.
Courses: ED53, ED20
Credit points: 12
Contact hours: 3 per week

■ EAB333 EARLY CHILDHOOD EDUCATION: COMMUNITY CONTEXT
Education and change in a postmodern society; the implications for education of the complex and diverse nature of Australian society; the role of policy making in meeting the educational challenges of the 1990s.
Courses: ED53
Credit points: 12

■ EAB334 EARLY CHILDHOOD FOUNDATIONS A
Provides the theoretical and applied knowledge basis for the selection and organisation of appropriate learning situations for young children in a range of early childhood contexts and settings.
Courses: ED53
Credit points: 12
Contact hours: 3 per week

■ EAB335 EARLY CHILDHOOD LANGUAGE & ARTS EDUCATION 1
Introduces students to the theory, issues and practices involved in planning to foster young linguistic and artistic development in a range of early childhood educational contexts.
Courses: ED53
Credit points: 12
Contact hours: 3 per week

■ EAB336 EARLY CHILDHOOD FOUNDATIONS B
Provides the theoretical and applied knowledge basis for the selection and organisation of appropriate learning situations in a range of educational contexts and settings, and for working with parents and other adults in a range of situations.
Courses: ED53
Credit points: 12
Contact hours: 3 per week

■ EAB337 INTEGRATED EARLY CHILDHOOD CURRICULUM
Current practices in Australian early childhood settings, understood within philosophical and historical perspectives; examination of key ideas informing the holistic curriculum approaches of the field; theories and practices associated with play; the celebration of difference with particular attention given to practices which are responsive to the values and needs of Aboriginal and Torres Strait Islanders; personalised teaching and learning; in-depth study of the knowledge base of the early childhood teacher practitioner; critical analysis of approaches to designing curriculum for the expanding range of services for young children and families in Australia.
Courses: ED53
Credit points: 12
Contact hours: 3 per week

■ EAB338 EARLY CHILDHOOD LANGUAGE & ARTS EDUCATION 2
Extends students understanding of the theory, issues and practices related to curriculum decision making to foster young children’s linguistic and artistic development across a range of early childhood educational contexts.
Courses: ED53
Credit points: 12
Contact hours: 3 per week

■ EAB340 PROGRAMS FOR INFANTS & TODDLERS
Ideas and beliefs which underpin practices and theories in relation to children under three years of age; exploration of societal attitudes in relation to young children, historically and currently; foundations and functioning of programs for infants and toddlers; examination of Australian and overseas models; government regulations for under three’s programs; changing attitudes and trends in relation to parental involvement in education.
Courses: ED53
Credit points: 12
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 literacy and other resources; introduction to English syllabus.
Courses: ED43, ED52, ED57, IF81, IF83
Credit points: 12
Contact hours: 4 per week

■ EAB346 EARLY CHILDHOOD CURRICULUM: SCIENCE, SOCIETY & 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: ED43, ED52, 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: ED43, ED52, 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, ED52, 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
Credit points: 12
Contact hours: 4 per week

■ EAB350 ADVANCED EARLY CHILDHOOD CURRICULUM: LITERACY & 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 equally and justly; critical examination of teaching approaches and resources in literacy and numeracy education.
Courses: ED43, ED52
Credit points: 12
Contact hours: 4 per week

■ EAB351 FAMILY STUDIES & 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 Aboriginals and Torres Strait Islanders, and the influence of technology; reciprocal social and family influences.
Courses: ED43, ED52
Credit points: 12
Contact hours: 3 per week

■ 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
Credit points: 12
Contact hours: 3 per week

■ 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
Credit points: 12
Contact hours: 3 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ 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, ED52, ED53, ED57, IF81, IF83
Credit points: 12
Contact hours: 3 per week

■ EAB414 RESEARCH IN EARLY CHILDHOOD DEVELOPMENT & 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
Credit points: 12
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ EAB417 CREATING CURRICULUM WITH YOUNG CHILDREN
Examining the dilemmas arising when teachers negotiate the curriculum with children and parents in shared curriculum creation in child care, preschool, kindergarten and primary school settings; critical analysis of strategies early childhood educators use to create spaces where children construct knowledge in personally relevant ways; consideration of factors which promote children's involvement in creating the curriculum.
- 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
  Credit points: 12
  Contact hours: 4 per week

- 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
  Credit points: 12
  Contact hours: 4 per week

- EAB420 CHILDREN, TEACHERS & 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
  Credit points: 12
  Contact hours: 4 per week

- 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
  Credit points: 12
  Contact hours: 4 per week

- EAB422 TECHNOLOGY & 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
  Credit points: 12
  Contact hours: 4 per week

- EAB440 WORKING WITH PARENTS & 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
  Credit points: 12
  Contact hours: 3 per week

- EAB441 EARLY EDUCATION DEVELOPMENT & LEARNING
  Ecological orientation of child development; forces shaping the development of children from birth to eight years of age; the psychosocial and cultural perspectives of development and learning in the early childhood years; ecological analysis of early childhood settings impacting on development.
  Courses: ED26
  Credit points: 12
  Contact hours: 3 per week

- EAB442 EARLY CHILDHOOD FOUNDATIONS 1
  Physical, motor, social and emotional development of children from birth to eight years of age; biological processes and growth patterns; prenatal factors; development of gross and fine motor skills; observational methods and techniques for recording and analysing behaviour and development; theoretical and empirical approaches to the study of social and emotional development including recognition and production of emotions, development of individuality and self-knowledge, prosocial behaviour, and socialisation within the family, peer context and early education settings; implications for program planning.
  Courses: ED43, ED52, ED57, IF81, IF83
  Credit points: 12
  Contact hours: 3 per week
  Incompatible with: EAB341, EAB343

- EAB443 EARLY CHILDHOOD FOUNDATIONS 2
  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: ED43, ED52, ED57, IF81, IF83
  Credit points: 12
  Contact hours: 3 per week
  Incompatible with: EAB341, EAB342

- EAB444 EARLY CHILDHOOD FOUNDATIONS 3
  Integrated approach to teaching children with disabilities through an effective and cooperative team approach of teachers, families and support personnel; philosophical and policy issues for the least restrictive early education for young children with disabilities; range and nature of disabilities early childhood teachers may encounter in practice; development, implementation and evaluation of individualised programs; teaching strategies for integration into regular programs; needs and concerns of families; range of support services available to families and teachers.
  Courses: ED43, ED52, ED57, IF81, IF83
  Credit points: 12
  Contact hours: 3 per week

- 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
  Credit points: 12
  Contact hours: 4 per week

- 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 which examines issues related to teaching in early childhood programs.
  Courses: ED13, ED11
  Credit points: 12

- EAN602 EARLY CHILDHOOD SERVICES & POLICIES
  Examination is made of the processes of policy development and sources of influence on policies in the area of early childhood services. Critical analyses are undertaken of selected early childhood policies.
  Courses: ED13, ED11
  Credit points: 12

- EAN603 DEVELOPMENT IN EARLY CHILDHOOD CONTEXTS
  Development of skills for critical evaluation of current developmental issues in early childhood within an ecological framework; knowledge of a broad range of developmental and methodological issues of research in early childhood including infant development, family, educational and care contexts; the
processes and patterns of symbolic development in young children; critical discussion of developmental research and the implications of this knowledge for early childhood education.

Courses: ED13, ED11  Credit points: 12

**EAN604 YOUNG CHILDREN, FAMILIES & COMMUNITY**

Aspects of family diversity: the interactions between young children, families and the wider social and cultural community; key issues facing families within community contexts; the analysis of transactions involving professionals, young children, families and community.

Courses: ED13, ED11  Credit points: 12

**EAN607 CONSULTATION & 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, CHILD-REARING & EARLY EDUCATION**

Critical analysis of the constructions of childhood, child-rearing and early education across the twentieth century and how those constructions are linked to social, political and economic change; frameworks used for analyses will be drawn from ecological and critical approaches to theorising and philosophical perspectives on theory; exploration of the assumptions which students hold with respect to childhood, child-rearing and early education; consideration of how conflicting ideas within early childhood education are reconciled.

Courses: ED11, ED13  Credit points: 12

**EAN609 EDUCATING YOUNG CHILDREN WITH SPECIAL NEEDS IN EARLY CHILDHOOD SETTINGS**

This unit aims to provide the opportunity for students to become familiar with a wide range of disabilities which have a handicapping effect on the development of young children from birth to eight years of age. Students will critically analyse past and present policies, procedures and in particular, best practices of early special education services. Students will gain a more in depth understanding of the developmental functioning of children who have special needs and the needs of their families in contemporary society.

Courses: ED11, ED13  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

**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

**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, implementing 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

**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

**EAP512 POLICIES & PRACTICES IN EDUCATIONAL MANAGEMENT**

Explores the nature of educational policies in Australia; analyses policies to consider social and political influences; addresses educational practices in relation to current policies at various government and organisational levels.

Courses: ED23, ED61  Credit points: 12  Contact hours: 3 per week

**EAP513 EDUCATIONAL SERVICES MANAGEMENT**

Focuses on leadership roles by identifying various leadership skills and effective communication styles; development of an understanding and facilitation of change; consulting, advocacy and empowerment strategies are identified.

Courses: ED23, ED61  Credit points: 12  Contact hours: 3 per week

**EAP515 HUMAN RESOURCE MANAGEMENT IN EDUCATION**

Staff supervision and appraisal; staff development planning, implementation and evaluation; facilitative skills.

Courses: ED23, ED61  Credit points: 12  Contact hours: 3 per week

**EAP518 MANAGING THE CURRICULUM**

Assists students to understand the elements of curriculum management. The problematic nature of managing curriculum is explored by considering ideological approaches.

Courses: ED23, ED61  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  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  
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  
Credit points: 12  
Incompatible with: EAP534

- **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: EAP526

- **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.

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

- **EAP551 DANCE EDUCATION IN EARLY CHILDHOOD**  
The study of movement and dance in early childhood, the influence of home and culture, the awareness of space, time, energy and body performance in the movement and dance curriculum; the approaches underpinning philosophical and professional practice.

Courses: ED26  
Credit points: 12  
Contact hours: 3 per week

- **EAP552 FROM PLAY TO DRAMA IN EARLY CHILDHOOD EDUCATION**  
The developmental relationship that exists between children’s play and drama in early childhood, children’s language development through drama; theories/approaches and methods in drama contexts.

Courses: ED26  
Credit points: 12  
Contact hours: 3 per week

- **EAP553 MUSIC IN EARLY CHILDHOOD EDUCATION**  
Examination of the influence of home, formal learning contexts, society and culture on music education for young children; children’s development and learning through music; musical elements, approaches/methods and learning contexts.

Courses: ED26  
Credit points: 12  
Contact hours: 3 per week

- **EAP554 THE ARTISTIC PROCESS & THE VISUAL ARTS IN EARLY CHILDHOOD EDUCATION**  
The value of the visual arts for culture, and for children; education versus educated, children’s development and learning through the visual arts; visual arts media and curricula, philosophical and historical underpinnings.

Courses: ED26  
Credit points: 12

- **ECO001 – ECONOMICS 1**  
Introduces international students to: major economic issues; the basics of economic literacy necessary for future tertiary studies; a working knowledge of the Australian Economy; an understanding of economic problems with particular reference to Australia; the main economic systems; the purpose of a 5 sector model and the functions and characteristics of each sector.

Contact hours: 4 per week

- **ECO002 ECONOMICS 2**  
The study of macro economics – the economy on a large scale; a simple model of the basic sectors of a modern economy; an analysis of the business cycle and the role of aggregate demand in determining the level of economic activity; fluctuations in the level of economic activity and the role of government policy.

Contact hours: 5 per week

- **EIB440 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, ED61, IF70-79  
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, ED11, ED61  
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  
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

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 development of organisational and administrative skills in an early childhood setting.
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.
Courses: ED20
Prerequisites: EDP508
Credit points: 6

EDP514 FIELD PROJECT
An applied action research project focusing on the development of a management-oriented program; 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 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

EDP601 THE REFLECTIVE PRACTITIONER IN HIGHER EDUCATION
Develops critical, reflective and proficient tertiary educators with a commitment to learning as a lifelong process; begins with and extends the various experiences which the participants bring with them.
Courses: ED61
Credit points: 12  Contact hours: 3 per week

EDP602 ADULT LEARNING & TEACHING IN HIGHER EDUCATION
The theory and practice of teaching adults; the appropriateness of particular approaches to the needs, interests and learning styles of adult audiences; involves the application of theoretical perspectives to the practice of teaching adults in varied higher education contexts.
Courses: ED61
Credit points: 12  Contact hours: 3 per week

EDP603 HIGHER EDUCATION IN AUSTRALIA: ISSUES & CONTEXTS
History of higher education in Australia; current structure and funding of higher education in Australia; major stakeholders and key institutional interfaces; professional associations, TAFE, secondary education, industry, student groups, government.
Courses: ED61
Credit points: 12  Contact hours: 3 per week

EDP604 PROGRAM DESIGN & EVALUATION IN HIGHER EDUCATION
Identifies and describes the major theoretical underpinning of educational planning and evaluation; traces the historical shifts within the practice of course design and evaluation; demonstrates skills in evaluation and subsequent planning for course integration; and demonstrates skills in critical analysis of evaluation designs and procedures.
Courses: ED61
Credit points: 12  Contact hours: 3 per week

EDR702 1-9 THESIS
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
Prerequisites: EDR703
Credit points: 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 1-9 THESIS
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: 24 each

EEB112 ELECTRICAL & 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
Credit points: 12  Contact hours: 5 per week

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 on the electronics inside an aircraft, the aircraft environment, and flight simulation.

Courses: EE48
Prerequisites: Nil
Corequisites: Nil
Credit points: 12
Contact hours: 4 per week

**EEB212 ELECTRICAL & 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, threephase 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: EE41
Credit points: 12
Contact hours: 5 per week

**EEB213 ELECTRICAL CIRCUITS & MEASUREMENTS**
The unit covers fundamental electrical quantities, Kirchhoff’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
Prerequisites: Nil
Credit points: 12
Contact hours: 4 per week

**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
Credit points: 12
Contact hours: 4 per week

**EEB311 CONTROL, ELECTRICAL POWER & MACHINES 1**
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: EEB 212 or EEB213
Corequisites: Nil
Credit points: 12
Contact hours: 4 per week

**EEB312 ELECTRONICS & COMPUTING 1**
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
Prerequisites: EEB212 or EEB213
Corequisites: Nil
Credit points: 12
Contact hours: 4 per week

**EEB340 TELECOMMUNICATIONS & SIGNAL PROCESSING 1**
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, analog to digital conversion, pulse modulation and baseband digital data communication techniques are studied using time and frequency domain analyses.

Courses: EE41
Prerequisites: MAB132
Corequisites: Nil
Credit points: 12
Contact hours: 4 per week

**EEB411 CONTROL, ELECTRICAL POWER & MACHINES 2**
The unit is a core unit with the modules Control Systems A and Introduction to Power Systems. It instils 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 rectification, controlled rectification, inverters, AC and DC drives, uninterrupted power supplies, power switching components.

Courses: EE41
Prerequisites: EEB311
Corequisites: EEB440
Credit points: 12
Contact hours: 4 per week

**EEB412 ELECTRONICS & COMPUTING 2**
The two modules of this unit Electronics B and Embedded Systems provide a basic 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
Prerequisites: EEB312
Credit points: 12
Contact hours: 4 per week

**EEB435 AEROSPACE AVIONICS 2**
The unit consists of the modules Control Systems A and Introduction to Space Technology. It instils 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: EEB212
Credit points: 12
Contact hours: 4 per week

**EEB440 TELECOMMUNICATIONS & SIGNAL PROCESSING 2**
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
Prerequisites: EEB340, MAB134
Corequisites: MAB135
Credit points: 12
Contact hours: 4 per week

**EEB511 CONTROL, ELECTRICAL POWER & MACHINES 3**
The unit comprises the modules Control Systems B and Power Generation. Control Systems B introduces students to discrete-time control by extending the conventional control into the discrete-time domain. The state model oriented approach for designing control systems is also introduced. In Power Generation, a basis in electrical energy conversion with sufficient practical exposure is provided such that students are able to cope with real world applications upon graduation.

Courses: EE41
Prerequisites: EEB411
Corequisites: Nil
Credit points: 12
Contact hours: 4 per week
EEB512 ELECTRONICS & COMPUTING 3
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: EEB41
Prerequisites: EEB412 Credit points: 12 Contact hours: 4 per week

EEB535 AEROSPACE AVIONICS 3
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: EEB48
Prerequisites: EEB412, EEB435 Credit points: 12 Contact hours: 4 per week

EEB540 TELECOMMUNICATIONS & SIGNAL PROCESSING 3
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: EEB41
Prerequisites: EEB440, MAB135 Credit points: 12 Contact hours: 4 per week

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: EEB41, EEB42, EEB48
Prerequisites: EEB412 Credit points: 12 Contact hours: 1 per week

EEB612 ELECTRONICS & COMPUTING 4
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: EEB41
Prerequisites: Nil Credit points: 12 Contact hours: 4 per week

EEB640 TELECOMMUNICATIONS & SIGNAL PROCESSING 4
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: EEB41
Prerequisites: MAB134 Credit points: 12 Contact hours: 4 per week

EEB650 POWER SYSTEMS ANALYSIS
The unit covers economic dispatch, power system control, power system analysis, power system reliability, harmonic analysis of power systems, and power system stability. The unit will provide a greater depth of study above the basic level in the operation of electrical power systems. The unit also prepares students for advanced postgraduate studies in power system operation.
Courses: EEB41 Credit points: 12 Contact hours: 4 per week

EEB660 DIGITAL COMMUNICATION
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: EEB41
Prerequisites: EEB440 Credit points: 12 Contact hours: 4 per week

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: EEB41
Prerequisites: Nil Credit points: 12 Contact hours: 4 per week

EEB735 AEROSPACE AVIONICS 4
The unit provides the students with a basic understanding of systems engineering including issues as top-down, integration, product life-cycle (identification of consumer needs, design and development, production/construction, distribution, system utilization and support, retirement and material recycling and/or disposal) and the system engineering process.
Courses: EEB48
Prerequisites: nil Credit points: 12 Contact hours: 4 per week

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: EEB41
Prerequisites: BNB007 Credit points: 12 Contact hours: 4 per week

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: EEB41
Prerequisites: The student must have completed the first three years of the course Credit points: 24 Contact hours: 1 per week

EEP101 ALGORITHMS FOR CONTROL & 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: EEP102 UNIX & C FOR ENGINEERS
Contact hours: 3 per week
Credit points: 12

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: CE74, EE65, EE76
Credit points: 12

■ EEP103 COMPUTER HARDWARE & INTERFACING
Contact hours: 3 per week
Credit points: 12

State-of-the-art digital devices; design and implementation of digital systems; microprocessors and microcontroller systems and interfacing; computer architectures, subsystems and peripherals.

Courses: EE65
Credit points: 12

■ EEP104 REAL-TIME OPERATING SYSTEMS
Contact hours: 3 per week
Credit points: 12

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: CE74, EE65, EE76
Credit points: 12

■ EEP120 NETWORKS & DISTRIBUTED COMPUTING
Contact hours: 3 per week
Credit points: 12

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: CE74, EE65, EE76
Credit points: 12

■ EEP123 PROCESS CONTROL & ROBOTICS
Contact hours: 3 per week
Credit points: 12

Introduction to robotics; introduction to CNC machine tools; process control; controller tuning, plant characterisation and process optimisation; computer simulation and algorithms.

Courses: EE65
Credit points: 12

■ EEP124 DATA COMMUNICATIONS
Contact hours: 3 per week
Credit points: 12

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: CE74, EE65, EE76
Credit points: 12

■ EEP125 ADVANCED ENGINEERING SOFTWARE TOOLS
Contact hours: 3 per week
Credit points: 12

Numerical techniques and computer software tools in procedural and non-procedural languages as well as specialised commercial applications packages for the analysis and design of data transmission systems. Techniques and applications of interest to students may be included in small research projects with guidance.

Courses: EE65, EE76
Credit points: 12

■ EEP126 COMMUNICATIONS DIGITAL SIGNAL PROCESSING
Contact hours: 3 per week
Credit points: 12

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: CE74, EE76
Credit points: 12

■ EEP127 ADVANCED TOPIC B
Contact hours: 3 per week
Credit points: 12

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: CE74, EE76
Credit points: 12

■ EEP128 DETECTION & ESTIMATION
Contact hours: 3 per week
Credit points: 12

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: CE74, EE65, EE76
Credit points: 12

■ EEP129 IMAGE PROCESSING AND COMPUTER VISION
Contact hours: 3 per week
Credit points: 12

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: CE74, EE65, EE76
Credit points: 12

■ EEP135 ADVANCED DIGITAL SIGNAL PROCESSING
Contact hours: 3 per week
Credit points: 12

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: CE74, EE76
Credit points: 12

■ EEP137 ADVANCED TOPIC A
Contact hours: 3 per week
Credit points: 12

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: CE74, EE76
Credit points: 12

■ EEP201 FUNDAMENTALS OF POWER SYSTEM EARTHING
Contact hours: 3 per week
Credit points: 12

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; distribution systems: MEN, SWER,
safety during faults; flow of lightning currents to ground.

**Courses:** EE60, EE78, EE82  
**Credit points:** 4  
**Contact hours:** 3 per week

**EEP202 THERMAL RATING & 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  
**Credit points:** 4  
**Contact hours:** 3 per week

**EEP203 TESTING & CONDITION MONITORING**

**Courses:** EE60, EE78, EE82  
**Credit points:** 4  
**Contact hours:** 3 per week

**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  
**Credit points:** 4  
**Contact hours:** 3 per week

**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  
**Credit points:** 4  
**Contact hours:** 3 per week

**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 supply 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  
**Credit points:** 4  
**Contact hours:** 3 per week

**EEP207 OVERHEAD LINE ROUTE SELECTION – ENVIRONMENTAL FACTORS**

**Courses:** EE60, EE78, EE82  
**Credit points:** 4  
**Contact hours:** 3 per week

**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 engineer 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  
**Credit points:** 4  
**Prerequisites:** EE205  
**Contact hours:** 3 per week

**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  
**Credit points:** 4  
**Prerequisites:** EE205  
**Contact hours:** 3 per week

**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  
**Credit points:** 4  
**Prerequisites:** EE205  
**Contact hours:** 3 per week

**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 – electro-mechanical and electronic. Current and voltage transformers – theory and specification for different applications, including interfacing 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 co-
ordination. Distance relays – theory and construction. Setting distance relays for simple applications. Field testing and op-
eration of protection. Commissioning and main-
tenance of protection systems. Performance of protection under fault conditions. Information available for the analysis of pro-
tection performance.

**Courses:** EE60, EE78, EE82  
**Prerequisites:** EEP205  
**Credit points:** 4  
**Contact hours:** 3 per week

**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 su-
 pervision. Protection of transformers, including biased and high impedance differential schemes as well as aspects re-
 lated to earthing transformers. Feeder differential protection, including pilot wire, current differential and phase compar-
 son schemes. Protection of high voltage capacitor banks, in-
 cluding consideration of inrush currents, overcurrent, over
 voltage, balance, and differential protection schemes, Appli-
cation of single and three pole autoreclosing schemes to HV
and EHV transmission systems. Protection of large motors, in-
 cluding differential and earth fault protection, thermal over-
load considerations, starting and stalling currents and the ef-
cect 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  
**Credit points:** 4  
**Contact hours:** 3 per week

**EEP213 STATISTICS**

The role of statistics in electricity supply engineering. Strate-
gies for collecting and recording valid data from which statisti-
cal inferences can be made; use of operational and inventory
data. Graphical and numerical techniques to summarise data
 using statistical or spreadsheet packages. Review of probabil-
 ity concepts, random variables, probability distributions. Spe-
cific distributions used in system and component reliability
 studies.

**Courses:** EE60, EE78, EE82  
**Credit points:** 4  
**Contact hours:** 3 per week

**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; assess-
 ment of frequency – fault tree analysis, event tree analysis; as-
 sessment of consequences: consequence analysis, criticality
 assessment in terms of chance of failure and consequences,
 incident scenario, damage criteria, damage identification; le-
gal and economic consequences; case studies including iden-
tification of hazards, assessment of risks, and consequences
 in ESI. Loss of load models in generation.

**Courses:** EE60, EE78, EE82  
**Prerequisites:** EEP215  
**Credit points:** 4  
**Contact hours:** 3 per week

**EEP215 RELIABILITY**

Basic reliability concepts. Reliability analysis methods. Reli-
ability methods. Application of important distributions. Fail-
ure rate, repair time and mean time failure. Reliability of series,
parallel and complex systems, Discrete Markov Chains. Con-
 tinuous Markov processes, Frequency and duration in reli-
bility. Application of Markov Chain in the reliability evalu-
ation of power distribution systems. Application of reliability
 evaluation in power distribution systems, inclusion of cost es-
timation. Reliability assessment in subtransmission system
 planning, including non-con stant transition rate considera-
tions. Study of single and double contingencies with switch-
ing to restore supply. Inclusion of maintenance in system modell-

**Courses:** EE60, EE78, EE82  
**Prerequisites:** EEP213  
**Credit points:** 4  
**Contact hours:** 3 per week

**EEP216 OVERHEAD LINE DESIGN – ELECTRICAL**

Electrical design of transmission lines with ratings of 33kV
 to 500kV, economic conductor size; characteristics of con-
ductors; standard and new technology insulators; power fre-
 quency, impulse and switching flashover voltage, pollution and creepage, wet and dry flashover, mechanical characteris-
tics; feasible structure types; tower footing resistance and coun-
terpoise; Insulation coordination methodology: determination
 of overvoltage withstand, design for required outage; deter-
m ination of RI using state of the art methods; design to en-
sure that electrostatic and electromagnetic fields do not exceed
 NH & MRC guidelines.

**Courses:** EE60, EE78, EE82  
**Prerequisites:** EEP201, EEP203, EEP205, EEP207, EEP210  
**Credit points:** 4  
**Contact hours:** 3 per week

**EEP217 OVERHEAD LINE DESIGN – MECHANICAL**

Conductor selection. Catenary theory. Sag-tension-tempera-
ture calculations. Requirements for survey data. Statutory and
 enterprise requirements for line layout: clearances, mechani-
cal 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 vi-
bration protection. Transmission line estimating techniques.
Selection of structure type based on optimum capitalised costs;
 Line layout.

**Courses:** EE60, EE78, EE82  
**Prerequisites:** EEP208, EEP216  
**Credit points:** 4  
**Contact hours:** 3 per week

**EEP218 INTRODUCTION TO AUTOMATED SYSTEM CONTROL & 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 con-
 trol principles; definition of system displays, data logging, database point processing and attributes, master station con-
figuration; specification of MMI: identification of system func-
tional requirements; computer system platforms: computer
 technology fundamentals, computer hardware – processors, peripherals, display, user interfaces; communication system
 principles, communications bearer fundamentals, data net-
 works and protocols; data communications and I/O capaci-
ties and types, I/O processing; application of SCADA systems
to transmission and distribution systems; cost/benefits of al-
ter native schemes.

**Courses:** EE60, EE78, EE82  
**Credit points:** 4  
**Contact hours:** 3 per week

**EEP219 HIGH VOLTAGE SUBSTATION EQUIPMENT: POWER TRANSFORMERS & REACTIVE POWER PLANT**

Principles of power transformer design from distribution trans-
formers to EHV transformers: ratings, windings, core struc-
ture and materials, insulation and cooling methods, insulation
and lifetime; leakage and magnetising reactance; losses, har-
monics and inrush currents; short circuit forces; tests to mea-
 sure: ratio, losses, impedance, phasing, temperature rise, ac-
curacy and traceability of tests, interpretation of test reports;
substation 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
Credit points: 4
Contact hours: 3 per week

**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
Credit points: 4
Contact hours: 3 per week

**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 open rings, 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
Credit points: 4
Contact hours: 3 per week

**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
Credit points: 4
Contact hours: 3 per week

**EEP223 LOAD FORECASTING**


Courses: EE60, EE78, EE82
Prerequisites: EEP213
Credit points: 4
Contact hours: 3 per week

**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
Credit points: 4
Contact hours: 3 per week

**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 workshop. The thesis will be examined by internal and external examiners appointed by the University.

Courses: EE78
Credit points: 12
Contact hours: 3 per week

**EEP231 THESIS B**

Work done in this unit and the related unit EEP230 is examined by submission of a single Masters thesis.

Courses: EE78
Credit points: 12
Contact hours: 3 per week

**EEP240 ORGANISATION & 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; financial 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
Credit points: 4
Contact hours: 3 per week

**EEP241 DISTANCE PROTECTION**

Current transformers: transient performance, saturation fac-
tors, 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 feeder systems and also for bridges for 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-on/off logic, VT supervision, memory, power swing blocking and healthy phase polarising. Protection signalling: direct, series, permissive (overreaching and underreaching), distance acceleration and blocking intertripping.

Courses: EE60, EE78, EE82
Contact hours: 3 per week

■ EEP242 EFFICIENT MARKETING & UTILISATION OF ELECTRICITY: DEMAND & 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: EEP211
Credit points: 4
Contact hours: 3 per week

■ 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
Credit points: 4
Contact hours: 3 per week

■ 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; cat estimating procedures; comparison of design/site options; whole of life cost comparison including capital and operatic 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
Credit points: 4
Contact hours: 3 per week

■ 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 operatic 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
Credit points: 4
Contact hours: 3 per week

■ EEP301 /1 PROJECT
Students carry out research or development work on a mini-project in specified areas.

Courses: CE74, EE76
Credit points: 24
Contact hours: 3 per week

■ EEP301 /2 PROJECT
Students carry out research or development work on a mini-project in specified areas.

Courses: CE74, EE76
Credit points: 24
Contact hours: 3 per week

■ EFB002 FINANCIAL MANAGEMENT FOR ENGINEERS
Introduction to the theory and practice of financial management in Australia; the nature of business finance and firm objectives; business structures, debt and the organisation of the Australian capital markets; NPV calculations; project evaluation.

Courses: EE43, ME45, ME46, ME47
Credit points: 8
Contact hours: 2 per week
Incompatible with: FNB116

■ EFB100 AUSTRALIAN ECONOMIC HISTORY
This unit is not available in 1999. The Australian economy and its economic institutions from the 1890’s to World War II; analysis of postwar economic growth and fluctuations; arbitration, conciliation and wage fixation, immigration policy, capital inflow institutional arrangements; Australia’s links with the international economy; trading agreements; the contribution of manufacturing, agriculture, minerals and energy, labour, investment and technology in historical context; Australia’s deteriorating economic performance since the 1970s and the opportunities presented by the development of the Pacific Basin; the future for Australia.

Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB106

■ EFB101 DATA ANALYSIS FOR BUSINESS
Introduces students to the basic tools for the analysis of cross section and time series data. The major topics covered are a discussion of key features of published data, the calculation and meaning of descriptive measures of data, the concepts of sampling, sampling error and sampling distributions, hypothesis testing and regression analysis.
Courses: BS50, BS56, ED50, IF37, IF40, IF41, IF45, IF46, IF56, IF72
Prerequisites: There is no formal prerequisite for this unit. Nevertheless, students are advised that it is essential to be competent in algebra before attempting EFB101.
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB109, EPB110, MAB101, MAB347

EFB102 ECONOMICS 2
Consumer behaviour, the role of the government in market intervention and 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, IF37, IF40, IF41, IF45, IF54, IF60, IF72
Prerequisites: EFB113
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB116 and EPB172; EPB140 and EPB150 if both have been passed; EFB103 and EFB104 if both have been passed

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, IF41, IF45, IF60
Prerequisites: EFB101 or MAB101
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB102

EFB201 FINANCIAL MARKETS
System efficiency and the intermediation process; term structure of interest rates; the Australian banking and payments system; merchant bank and finance company operations; the operations of the Australian Stock Exchange; financial systems regulation; trade and pricing of money market/capital market securities.
Courses: BS50, BS56, IF40, IF41, IF45, IF60
Prerequisites: EFB206 or EFB210
Credit points: 12
Contact hours: 3 per week
Incompatible with: FNB100

EFB202 BUSINESS CYCLES & 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, IF40, IF41, IF45, IF60, IF72
Prerequisites: EFB102 or EFB103
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB141, EPB142

EFB206 CORPORATE FINANCE
An overview of the Australian financial system; technical tools used in financial decision-making; the capital market, short and long-term finance; dividend policy; financing policy; investment decision models; diversification; risk and return.
Courses: BS50, ED50, IF40
Prerequisites: BSB110
Credit points: 12
Contact hours: 3 per week
Incompatible with: FNB111, FNB107, EFB210

EFB207 DEVELOPMENT OF ECONOMIC THOUGHT
Especially recommended for students wishing to study economics at a higher level. It traces the evolution of economic thought over time, and evaluates the contributions of key figures such as Adam Smith, David Ricardo, JS Mill, Karl Marx and others. Importantly, the unit reflects on the lessons of the past within the context of the economic policies currently favoured by governments in Australia and elsewhere in the world.
Courses: BS50, BS56, IF41, IF45, IF60
Prerequisites: EFB102 or EFB103 and EFB104
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB127

EFB209 ENVIRONMENTAL ECONOMICS: ISSUES & POLICY
Provides an introduction to the foundations of environmental and natural resource economics, and examines the increasingly important role of economics in the formulation and implementation of environmental policy. Topics include: sustainable development, market failure, pollution and depletion of natural resources and analysis of environmental policy.
Courses: BS50, BS56, IF41, IF45, IF60
Prerequisites: EFB102 or EFB103 or EFB104
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB165

EFB210 FINANCE 1
An introduction to the Australian institutional framework; terminologies; 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, IF37, IF40, IF41, IF45, IF56, IF60
Prerequisites: BSB110 and BSB113
Credit points: 12
Contact hours: 3 per week
Incompatible with: FNB107, FNB111, EFB206

EFB211 FIRMS, MARKETS & RESOURCES
Refines and extends introductory microeconomic concepts and applies them to business decision making, the design and evaluation of public policy and to a general appreciation of the economic aspects of a modern mixed economy. It expands the theoretical framework of microeconomics, it then investigates market failure, the role of government and the appropriate response of business.
Courses: BS50, BS56, ED50, IF40, IF41, IF45, IF60, IF72
Prerequisites: EFB102 or EFB104
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB151, EPB152

EFB213 INTRODUCTION TO ANALYTICAL TECHNIQUES FOR BUSINESS
Introduces students to a range of modelling procedures which can be used to assist business in decision making under uncertainty. Constrained optimisation techniques are used to help minimise costs, time and resource use, or maximise profits in areas such as inventory management, resource allocation, queuing theory, and transportation among others. The use of computers allows students to concentrate on the applications of these techniques and their interpretation, and to recognise the strengths and weaknesses of these models. Topics covered include Linear Programming, Transport Analysis, Project Management and Scheduling, Inventory Analysis, Decision Theory, Queuing Theory and Simulation.
Courses: BS50, BS56, IF40, IF41, IF45, IF60
Prerequisites: EFB101 or MAB101
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB104

EFB214 MATHEMATICAL APPLICATIONS IN ECONOMICS & FINANCE
Demonstrates the use of a selection of important mathematical...
cal tools commonly used in decision making in economics and finance. Applications will include simple and compound interest; present and future value; internal rate of return analysis; break-even and equilibrium analyses; annuities; marginality; elasticity; duration analysis; optimisation and measurement of changes in economic welfare. Mathematical techniques covered will include linear equations; systems of linear equations; matrix algebra; non-linear equations – quadratic, exponential and logarithmic functions; mathematical progression; differential and integral calculus.

**Courses:** BS50, BS56, IF40, IF41, IF45, IF60  
**Credit points:** 12  
**Credit points:** 12  
**Credit points:** 12  
**Incompatible with:** EPB144

### EFB215 MONETARY THEORY & POLICY

The historical evolution of contemporary monetary theories; the role of money in affecting output, inflation and the balance of payments; recent approaches to monetary policy in the Australian context; and the role of the Reserve Bank in interpreting theory and giving effect to policy.

**Courses:** BS50, BS56, IF41, IF45, IF60  
**Prerequisites:** EFB102 or (EFB103 and EFB104)  
**Credit points:** 12  
**Credit hours:** 3 per week  
**Contact hours:** 3 per week  
**Incompatible with:** EPB153

### EFB217 TRANSPORT & COMMUNICATION ECONOMICS

The application of microeconomic principles to transport and communication; location decision, demand, costs, pricing, investment principles, regulation, issues and policy.

**Courses:** BS50, BS56, IF41, IF45, IF60  
**Prerequisites:** EFB102 or (EFB103 and EFB104)  
**Credit points:** 12  
**Credit hours:** 3 per week  
**Incompatible with:** EPB168

### EFB218 SMALL BUSINESS FINANCIAL MANAGEMENT

This unit is subject to final approval. Builds on material introduced and developed in BSB113 Economics and its objective is to examine the key financial decisions made by small business owners/managers (the investment decision) within the regulatory environment. The unit has two major components: financial management, particularly cash budgeting and project feasibility as part of the investment decision; and the legal and regulatory environment facing the small business and how business decisions are affected by this environment.

**Prerequisites:** BS50, BS56, IF41, IF45, IF60  
**Credit points:** 12  
**Credit hours:** 3 per week  
**Incompatible with:** BSB110 and BSB113

### EFB301 ADVANCED LENDING

Introduces students to advanced aspects of security evaluation and the assessment of debt servicing capacity; the analysis of 'exotic' types of corporate loans; and rescheduling of sovereign debt.

**Courses:** BS50, BS56, IF41, IF45, IF60  
**Prerequisites:** EFB311  
**Credit points:** 12  
**Credit hours:** 3 per week  
**Incompatible with:** BSB113

### EFB304 ADVANCED ECONOMETRIC TECHNIQUES

Progresses from EFB200, extending the student's knowledge to topics in applied econometrics. Single equation issues addressed include errors in variables, distributed lag models and causality testing. Recent developments in time series econometrics are examined in the context of the problem of nonstationarity of time series data. The identification of and estimation techniques used in simultaneous equation models are also covered in this unit. The application of these econometric techniques are illustrated in the context of economic modelling and financial data modelling.

**Courses:** BS50, BS56, IF41, IF45, IF60  
**Prerequisites:** EFB200  
**Credit points:** 12  
**Credit hours:** 3 per week  
**Incompatible with:** BSB113  
**Incompatible with:** EPB103

### EFB305 CURRENT ECONOMIC POLICY CHALLENGES

A capstone unit which harnesses the foundational skills developed in previous units of the Economics major in order to illustrate the application of economic analysis to key policy problems through the in-depth consideration of selected topical issues. The selection of issues will be flexible and subject to continuous review in order to ensure relevance. Approximately four issues will be selected, and each treated in some depth. An indicative list of issues which could be explored in the current circumstances is: the national savings debate, economic solutions to environmental problems, the debate around a goods and services tax, the issue of regulation versus deregulation of the labour market.

**Courses:** BS50, BS56, IF40, IF41, IF45, IF60, IF72  
**Prerequisites:** EFB211 and EFB202  
**Credit points:** 12  
**Credit hours:** 3 per week  
**Incompatible with:** EFB210

### EFB307 FINANCE 2

Theoretical development of the CAPM model, its practical application and its relationship to efficient market hypothesis. Capital structure, dividends, short-term assets, leasing, takeover, options and futures.

**Courses:** BS50, BS56, IF37, IF40, IF41, IF45, IF60  
**Prerequisites:** EFB210  
**Credit points:** 12  
**Credit hours:** 3 per week  
**Incompatible with:** FNB112

### EFB308 FINANCE 3

A study of contemporary finance research; event research; beta estimation; valuation theory; use of finance research tools; anomalies and extension of finance theories; students are required to complete a research project combining theory and practice.

**Courses:** BS50, BS56, IF41, IF45, IF60  
**Prerequisites:** EFB307  
**Credit points:** 12  
**Credit hours:** 3 per week  
**Incompatible with:** FNB113

### EFB309 FINANCIAL DERIVATIVES

Extends students' knowledge of financial derivatives, to encompass exotic trading strategies in options, futures and physical instruments; option replication strategies; modifications to the basic option theory, to account for firm capitalisation (e.g. bonus shares); designer options; and option pricing models, other than the standard Black-Scholes OPM studied in EFB307.

**Courses:** BS50, BS56, IF40, IF45, IF60  
**Prerequisites:** EFB307  
**Credit points:** 12  
**Credit hours:** 3 per week  
**Incompatible with:** FNB113

### 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 financial management and managerial accounting within the financial institution.

**Courses:** BS50, BS56, IF40, IF41, IF45, IF60  
**Prerequisites:** EFB206 or EFB210  
**Credit points:** 12  
**Credit hours:** 3 per week  
**Incompatible with:** BS50, BS56, IF41, IF45, IF60

### EFB311 FINANCIAL INSTITUTIONS – LENDING

Finance theory and the lending function; cost of bank funds; application and its relationship to efficient market hypothesis. Capital structure, dividends, short-term assets, leasing, takeovers, options and futures.

**Courses:** BS50, BS56, IF40, IF41, IF45, IF60  
**Prerequisites:** EFB206 or EFB210  
**Credit points:** 12  
**Credit hours:** 3 per week  
**Incompatible with:** FNB124, FNB115

### EFB312 INTERNATIONAL FINANCE & ECONOMICS

Examines the theory and practice of international finance, in-
cluding 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, IF40, IF41, IF45, IF56, IF60
Prerequisites: EFB206 or EFB210
Credit points: 12
Contact hours: 3 per week
Incompatible with: FNB120, EFB212, EPB132

■ EFB313 INTERNATIONAL MACROECONOMICS
Deals with the various theoretical and policy approaches to the macroeconomy as they are pursued in different countries. It examines the comparative macroeconomic performance in different countries over time, 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: BS50, BS56, IF41, IF45, IF60
Prerequisites: EFB202
Credit points: 12
Contact hours: 3 per week

■ EFB314 INTERNATIONAL TRADE & ECONOMIC COMPETITIVENESS
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 policy makers. It examines trade and capital flows, exchange rate.

Courses: BS50, BS56, IF41, IF45, IF60, IF72
Prerequisites: BSB116 and EFB211 and EFB202
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB130, EPB132, EFB212

■ EFB315 ISSUES IN FINANCE
This unit is not available in 1999. The finance framework; positive versus normative methods; Kuhn’s model of progress; the resolution of traditional finance problems; regulation and finance, market failure: the finance solution.

Prerequisites: AYB223 and EFB210
Credit points: 12
Contact hours: 3 per week
Incompatible with: FNB121

■ EFB317 MICROECONOMIC REFORM
Applies the principles of welfare economics (applied microeconomic theory) to case studies of microeconomic reform in practice. Issues which are examined, include regulation, and the corporatisation and privatisation of key industries, such as transport, communications, electricity generation and distribution, and water supply.

Courses: BS50, BS56, IF40, IF41, IF45, IF60
Prerequisites: EFB211
Credit points: 12
Contact hours: 3 per week

■ EFB318 PORTFOLIO & 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, IF40, IF41, IF45, IF60
Prerequisites: EFB307
Credit points: 12
Contact hours: 3 per week
Incompatible with: FNB126

■ EFB319 PUBLIC SECTOR ECONOMICS
The reasons for government intervention in the economy; the ways in which the effectiveness of this intervention may be measured. Topics include: the goals of competing efficiency and equity; theories of first-best and second-best; the importance of externalities; the public goods controversy; privatisation, deregulation and re-regulation; alternative ways of financing government expenditure; and issues in public sector accounting.

Courses: BS50, BS56, IF41, IF45, IF60
Prerequisites: EFB211
Credit points: 12
Contact hours: 3 per week
Incompatible with: EFB158, EFB160

■ EFB321 SPECIAL TOPICS – ECONOMICS
This unit is not available in 1999. Provides the opportunity for the student to examine in detail a specific current economic policy issue. The nature of the unit varies from year to year depending upon policy questions and the interests of the staff. Contact the Major Coordinator of Economics and Finance for further details.

Prerequisites: 144cp in BBus including EFB202 and EFB211
Credit points: 12
Contact hours: 3 per week
Incompatible with: EFB216

■ EFB322 BUSINESS FORECASTING
Designed to give an introduction to a variety of forecasting techniques which may be of use in forecasting a wide range of business and economic variables at both a macro and micro level. The main focus of the course will be univariate and single equation models and time series modelling techniques including smoothing techniques, classical decomposition and Arima models. An introduction to multivariate techniques includes distributed lag models, cointegration and error correction model are also considered. Finally students will be introduced to methods by which they can evaluate model performance and compare and combine different forecasting techniques.

Courses: BS50, BS56, IF41
Prerequisites: EFB200 Credit points: 12
Contact hours: 3 per week
Incompatible with: EFB107, EFB203

■ EFN401 ADVANCED FINANCIAL INSTITUTIONS MANAGEMENT
The study of current technical issues facing managers of financial institutions including an examination of theoretical framework for the analysis of the function and operation of the modern financial institution. Topics include strategic management, evolution of the Australian financial market place, issues associated with regulation.

Courses: BS70, BS93, BS94, IF64
Prerequisites: PG only; with an UG degree with a major in Economics or Finance
Credit points: 12
Contact hours: 3 per week

■ EFN403 ECONOMICS & PUBLIC POLICY
The relationship between economics, economists and public policy; currently influential bodies of economic theory, and their application in the public policy environment; the role of economists in the policy process. Topics addressed cover both the macro and micro dimensions of economic policy and include: the balance of payments and foreign debt; employment and unemployment; taxation; privatisation; health policy; social and welfare policy; environmental policy.

Courses: BS30, GS70, GS81, IF64
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPN117

■ EFN404 ENVIRONMENTAL ECONOMICS & POLICY
Environmental economics is concerned with the interaction between economic systems and the natural environment. Fundamental issues are sustainable economic development, the economic cost to future generations of potential degradation of the environment, the proper definition of property rights, the economics of pollution and the depletion of non-renewable resource stocks. This unit provides a comprehensive analysis and critique of the role played by environmental economics in the formulation of contemporary environmental policy in Australia and globally.

Courses: BS30, BS96, BS98, GS70, GS81, IF64
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPN115, EFB209

■ 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.

**Prerequisites:** PG only  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: EPN102, GSN203

- **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; cost of funds, the firm investment decision; investment evaluation techniques; cash budgeting; working capital management; capital budgeting; dividend policy and financial structure policy.  
Courses: BS30, BS89, BS96, BS98, GS70, IF64  
Credit points: PG only  
Contact hours: 3 per week  
Incompatible with: FNN102

- **EFN408 SPECIAL TOPIC – ECONOMICS, BANKING & FINANCE A**  
Provides the opportunity to study in detail, at a postgraduate level, specific current issues relating to economics, banking or finance. The nature of the unit varies from year to year depending upon contemporary issues and the interests of staff. Contact the Head of School, School of Economics and Finance for further information.  
Courses: IF64  
Credit points: PG only; with an UG degree with a major in Economics or Finance or EFN406  
Contact hours: 3 per week  
Incompatible with: EFN116

- **EFN410 ECONOMIC & FINANCIAL MODELLING**  
Introduces students to spreadsheet and other forms of 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: BS70, BS93, BS94, IF64  
Credit points: PG only  
Contact hours: 3 per week  
Incompatible with: AYN419, EFN503, FNN103

- **EFN411 SPECIAL TOPIC – ECONOMICS, BANKING & FINANCE B**  
Provides the opportunity to study in detail, at a postgraduate level, specific current issues relating to economics, banking or finance. The nature of the unit varies from year to year depending upon contemporary issues and the interests of staff. Contact the Head of School, School of Economics and Finance for further information.  
Courses: BS89, GS70, GS80, GS81  
Credit points: PG only; plus EFN406  
Contact hours: 3 per week

- **EFN412 ADVANCED MANAGERIAL FINANCE**  
Expands on material introduced and developed in EFN406 Managerial Finance and 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 in the latter part of this course, namely options, futures and takeovers.  
Courses: BS96, BS98  
Credit points: PG only; plus EFN406  
Contact hours: 3 per week

- **EFN413 SECURITIES LAW**  
This unit is not available in 1999. 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.  
Credit points: PG only  
Contact hours: 3 per week  
Incompatible with: EFB312, EFN411 (during 1997 only)

- **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 and currency swaps, international trade finance, international portfolio investment, multinational cost of capital and capital structure, and international capital budgeting.  
Courses: BS30, BS96, BS98  
Credit points: PG only; plus EFN406  
Contact hours: 3 per week  
Incompatible with: EFB318, EFN408 (during 1997 only)

- **EFN415 SECURITY ANALYSIS**  
Examines the cornerstones of finance theory: Capital Assets Pricing Model, Option Pricing Model, and Efficient Market hypothesis. In addition, detailed investigation will be undertaken into financial instruments and risk management. In particular, the empirical evidence with respect to each is considered. Students are introduced to applied research into share price behaviour. Using the above topics as a base, procedures for constructing portfolios of stocks and bonds are examined together with the ability of mutual fund managers to earn abnormal returns.  
Courses: BS30, BS96, BS98  
Credit points: PG only; plus EFN406  
Contact hours: 3 per week  
Incompatible with: EBF318, EFN408 (during 1997 only)

- **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: BS96, BS98, GS80, GS81  
Credit points: PG only; plus EFN406  
Contact hours: 3 per week

- **EFN417 INTERNATIONAL FINANCE & RESOURCE MANAGEMENT**  
This unit analyses the international financial issues involved in managing the multinational corporation’s (MNC) finance functions. It studies the theories and empirical evidence that are necessary for the sound understanding of the 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 in the long-term.  
Prerequisites: PG only; with an UG degree in Business, Commerce, or Economics; or 48 credit points from the core of GS81, including GS203 or EFN405; or 48 credit points from BS93  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: EFN414, GSN102

- **EFN500 CONTEMPORARY MACROECONOMIC THEORIES**  
Introduces students to the latest theoretical developments in the field of macroeconomics using both qualitative and quan-
Economic and financial theories. 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:** BS63, BS70, BS92, BS93, BS94, GS70, GS80, IF64

**Prerequisites:** PG only; with an UG degree with a major in Economics or Finance

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** EPN111

- **EFN501 CORPORATE & 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, BS93, BS94, GS80, IF64

  **Prerequisites:** PG only; with an UG degree with a major in Economics or Finance

  **Credit points:** 12

  **Contact hours:** 3 per week

- **EFN502 DEVELOPMENTS IN MICROECONOMIC THEORIES**

  Discussion of refinements in microeconomic theory such as hedonic pricing models, invalid preference theory, contestable market theory, theories of regulation, strategic entry deterrence, networks and vertical integration theories, and public utility theories are considered in this unit. It explores refinements in microeconomic theory which have contemporary use in the development of government policies in areas such as the environment, energy, public enterprises, industrial development, transport and telecommunications.

  **Courses:** BS63, BS70, BS92, BS93, BS94, GS80, IF64

  **Prerequisites:** PG only; with an UG degree with a major in Economics or Finance

  **Credit points:** 12

  **Contact hours:** 3 per week

  **Incompatible with:** EPN108

- **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 basic allowing for evaluating policy problems in the area of financial management, a prerequisite for further specialisation in this area.

  **Courses:** BS63, BS70, BS92, BS93, BS94

  **Prerequisites:** PG only; with an UG degree with a major in Economics or Finance

  **Credit points:** 12

  **Contact hours:** 3 per week

  **Incompatible with:** EFN101

- **EFN505 FINANCIAL RISK MANAGEMENT**

  An advanced postgraduate finance unit that covers four areas of risk management: portfolio, interest rate risk, exchange risk and insurance. Topics include: portfolio theory, performance evaluation, benchmark problems, hedging, portfolio insurance in the crash of 1987; interest rate risk, rating agencies, duration, immunisation; managing exchange risk, diversification; insurance, risk management, risk reduction, self-insurance. Emphasis is on empirical research.

  **Courses:** BS63, BS70, BS92, BS93, BS94, BS98, IF64

  **Prerequisites:** PG only; EFN415 or equivalent (eg a recent UG degree with a major or specialisation in Finance).

  **Credit points:** 12

  **Contact hours:** 3 per week

  **Incompatible with:** FNN104

- **EFN506 ADVANCED INTERNATIONAL FINANCE**

  A rigorous study of the major issues in international finance pertaining to the foreign exchange market, international par-
will identify and develop the competencies, interpersonal and intercultural, required to be an effective global manager. The competencies occur in both cognitive and affective domains at personal, interpersonal and professional levels. The unit also examines influence processes, personal behaviour and ethics, career management issues and reflective practice. Individuals will develop a sophisticated understanding of their personal style of interaction, allowing them to foster a healthy environment and alleviate dysfunctional processes.

Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

■ GSN219 UNDERSTANDING DIVERSITY WITHIN THE ORGANISATION
This unit aims to provide insight into the management of diversity. In this unit, we focus on understanding diversity within organisation. We examine competent explanations for a concern with diversity and explore current trends contributing to a concern for managing diversity with organisations. Emphasis is placed in understanding various diversity change strategies and processes, including designing, implementing and evaluating the effects of diversity strategy.

Prerequisites: PG only; plus GSN205
Credit points: 12
Contact hours: 3 per week

■ GSN220 UNDERSTANDING DIVERSITY: AN INTERNATIONAL PERSPECTIVE
This unit aims to provide insight into the management of diversity. In this unit, we focus on understanding diversity in international perspective. We explore the impacts of the changing global economy and world order, demographic changes, social organisation and stratification and different politico-legal structure on business organisation and the consequences for the management of diversity.

Prerequisites: PG only; GSN205
Credit points: 12
Contact hours: 3 per week

■ 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 microsocial world of health/illness and to the relevant research methods. The unit comprises a series of lectures, seminar presentations and relevant readings.

Courses: HLN88, HLN50, HLN52, HLN55, NS85, NS64, PU65, PU69
Credit points: 12
Contact hours: 3 per week

■ HLN700 THESIS
Provides students with an opportunity to formally extend and synthesise knowledge gained in earlier semesters in the course. The study represents an independent and original piece of research completed under the guidance of a supervisor.

Credit points: 48

■ HLN701 LITERATURE REVIEW
Provides students with an opportunity to identify a relevant area for further investigation and to undertake a detailed literature review. Students gain skills in gathering and analysing up-to-date research literature and synthesising information into a logical and coherent format.

Credit points: 12

■ 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.

Credit points: 12

■ 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.

Credit points: 12

■ HLN705 INTRODUCTORY QUANTITATIVE RESEARCH METHODS
An introduction to the major issues associated with good research design and data analysis for quantitative studies in the health context. The unit is taught through an emphasis on critical discussion of research reports. A major assessment item asks students to develop and write a formal research proposal. Topics include the development of testable research questions, concepts of error and bias, sampling strategies, determination of sample size, data collection and management, and presentation and interpretation of statistical returns. The unit includes an introduction to the SPSS statistical package for data management.

Credit points: 12
Contact hours: 4 per week

■ HLN706 ADVANCED QUANTITATIVE RESEARCH METHODS
Detailed practical exposition of key concepts associated with sound quantitative research method. Includes a comparison of schemes for representatives sampling of populations, calculations of sample size and power, designing survey questionnaires, designing and analysing validation and reliability studies, choosing appropriate methods of data analysis for a variety of variable types and study designs, writing analytical plans, statistical modelling strategies (incorporating multiple linear regression, repeated measure analysis of variance, Cox proportional hazards regression, Poisson regression, logistic and ordinal logistic regression), and presentation of analytical results to publication standard. Students will use the SPSS statistical package for associated data analyses.

Credit points: 12
Contact hours: 4 per week

■ HLN750 THESIS
Part-time students enrol in this unit. It is conducted part-time over two semesters. See HLN700.

Credit points: 48

■ HMB171 FITNESS HEALTH & 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
Credit points: 12
Contact hours: 3-4 per week

■ HMB172 NUTRITION & 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
Credit points: 12 Contact hours: 4 per week

■ HMB271 FOUNDATIONS OF MOTOR CONTROL, LEARNING & 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 lifespan will be covered, including those in infancy, childhood, adulthood and senescence.

Courses: ED50, ED51, HL40, HL42, HL44, HM42, IF46, IF73
Prerequisites: LSB131, LSB231
Credit points: 12 Contact hours: 4 per week

■ HMB272 BIOMECHANICS

The application of mechanics as they apply to Human Movement including: cinematics and dynamics of human body models; quantitative analysis; impact; work and power; fluid dynamics; material properties.

Courses: HL40, HL42, HL44, HM42, IF62, IF73, PU40
Credit points: 12 Contact hours: 4 per week

■ HMB273 BIOENERGETICS & 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
Credit points: 12 Contact hours: 3-4

■ 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
Credit points: 12 Contact hours: 4 per week

■ HMB275 EXERCISE & 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: SSB912 or equivalent
Credit points: 12 Contact hours: 3 per week

■ 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 conclusions. Application of research; examples in human movement; related literature. Computer data analysis and information retrieval.

Courses: ED50, HL40, HL42, HL44, HM42, IF62, IF73
Credit points: 12 Contact hours: 3 per week

■ HMB277 EXERCISE & 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
Credit points: 12 Contact hours: 3 per week

■ 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
Credit points: 12 Contact hours: 3 per week

■ 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
Credit points: 12 Contact hours: 5 per week

■ 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
Credit points: 12 Contact hours: 4 per week

■ 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
Credit points: 12 Contact hours: 6 per week

■ 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
Credit points: 12 Contact hours: 6 per week

■ 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
Credit points: 12 Contact hours: 6 per week
HMB317 OUTDOOR EDUCATION
The value and place of outdoor education in schools and the community; development of proficiency in a number of outdoor pursuits; lightweight, minimum impact camping; leadership skills and safety techniques; the Australian natural environment; promotion of positive attitudes towards natural environments.
Courses: ED50
Prerequisites: HMB314 or with consent of unit coordinator
Credit points: 12  Contact hours: 6 per week

HMB321 SPORT IN SOCIETY
The relationship between sport and the social world. The nature and importance of the role of sport in modern Australian society through an analysis of such contemporary issues and developments in sport as drugs in sport, sport and the law, violence in sport, equity and sport, and sport and socialisation.
Courses: BS50, ED50, IF73
Prerequisites: Relevant performance skills subjects
Credit points: 12  Contact hours: 3 per week

HMB324 ADVANCED PERFORMANCE LABORATORIES
Investigation of selected advanced theoretical structures and application to a performance activity.
Courses: ED50
Prerequisites: Relevant performance skills subjects
Credit points: 12  Contact hours: 3 per week

HMB328 INTERNATIONAL PHYSICAL EDUCATION & SPORT
Provides students with an international perspective on physical education and sport. Comparative studies in this field give insight into life in other countries and act to enhance international understanding of the global village.
Courses: ED50
Prerequisites: HMB394 or HMB321 or consent of lecturer
Credit points: 12  Contact hours: 3 per week

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
Credit points: 12  Contact hours: 3-4 per week

HMB333 CHILD & 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
Credit points: 12  Contact hours: 3 per week

HMB337 ORGANISATION & MANAGEMENT IN PHYSICAL EDUCATION & 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
Credit points: 12  Contact hours: 3 per week

HMB341 SPORTING & 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
Credit points: 12  Contact hours: 3 per week

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 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
Credit points: 12  Contact hours: 3 per week

HMB343 ENVIRONMENTAL HEALTH
The focus of this unit is on educational responses to the growing concern about environmental hazards and their detrimental effects on human health. Emphasis on the curriculum implications of knowledge will assist children to make a positive contribution to health policy.
Courses: ED51, IF73
Credit points: 12  Contact hours: 3 per week

HMB344 HUMAN RELATIONSHIPS EDUCATION
A dual focused unit: effective interpersonal communication by teachers as members of the school community; and the curriculum and pedagogical process for teaching children. Care, personal development, work experience and community-based learning characterise these curriculum programs. Students are introduced to these processes through lectures, seminars, workshops and appropriate field study experiences.
Courses: ED51, IF73
Credit points: 12  Contact hours: 3 per week

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
Credit points: 12  Contact hours: 4 per week

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
Credit points: 12  Contact hours: 4 per week

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 research questions and autonomously under the supervision of a lecturer.
Courses: ED50, HM42, IF46, IF73
Prerequisites: Consent of Course Coordinator
Credit points: 12  Contact hours: 4 per week

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.
This unit introduces a selection of disorders and disease states. 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 (i.e. cardiorespiratory, metabolic, musculoskeletal, neuromuscular and central nervous system).

Courses: ED50, ED51, HL40, HM42, IF46, IF62, IF73, HL42, HL44
Prerequisites: HMB271, HMB272, HMB273, HMB274
Credit points: 12
Contact hours: 4 per week

HMB380 PHYSICAL EDUCATION CURRICULUM STUDIES 2B

Designed for those students doing a double major in physical education and focuses particularly on the areas of assessment and the use of action research in curriculum innovation. Students are required to undertake individual projects which allow them to practise critical reflection and autonomous learning in their pursuit of knowledge.

Courses: ED50, ED54
Prerequisites: HMB340
Credit points: 12
Contact hours: 3 per week

HMB381 CARDIOVASCULAR & 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
Credit points: 12
Contact hours: 3-4

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
Credit points: 12
Contact hours: 4 per week

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 perspectives 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
Credit points: 12
Contact hours: 4 per week

■ HMB384 INJURY PREVENTION AND REHABILITATION

Epidemiology and nature of common injuries that occur at home, school, work and during sporting activities. Current philosophical perspective and 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
Credit points: 12
Contact hours: 3 per week

■ 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 developed and close links are made with teaching practice.

Courses: ED50, ED54, IF73
Prerequisites: EDB325 and at least 48 credit points in the relevant discipline area
Credit points: 12
Contact hours: 3 per week

■ HMB391 PROMOTION OF PHYSICAL ACTIVITY

Physical education departments, schools and sports organisations are constantly seeking funds, participants and spectators, and the limiting factor is the low profile of the groups concerned. In this unit students examine the role of marketing and promotion, identify client and market mix, and develop strategies for the promotion and funding of activities.

Courses: BS50, ED50, IF73
Credit points: 12
Contact hours: 3 per week

■ HMB392 SPORT & EQUITY

The inequalities that exist in society major institutions, with particular reference to sport and physical education. The development of knowledge of government policy and legislation regarding equity in public, private and corporate establishments, as well as within educational settings.

Courses: BS50, ED50
Prerequisites: HMB321 or HMB394 or consent of lecturer
Credit points: 12
Contact hours: 3 per week

■ HMB394 HISTORY OF PHYSICAL EDUCATION & SPORT

The historical evolution of physical education, sports and games with their role and relevance in societies past and present. It extends the historical focus of HMB313 and itself provides the foundation for contemporary analyses of sport in society.

Courses: BS50, ED50
Prerequisites: HMB313
Credit points: 12
Contact hours: 3 per week

■ 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 syllabus in Health Education.

Courses: ED50, ED54, IF73
Prerequisites: HMB390
Credit points: 12
Contact hours: 3 per week

■ HMB410 PHYSICAL EDUCATION CURRICULUM: SECONDARY

The factors responsible for current physical education curriculum development. Emerging trends are studied to highlight the implications for physical education programs; challenges the student to design a secondary curriculum that reflects current trends.

Courses: ED26, ED32
Credit points: 12
Contact hours: 3 per week

■ HMB411 PHYSICAL EDUCATION CURRICULUM: PRIMARY

The notion of the teacher of physical education and the classroom teacher reflecting on their experiences is of prime importance to the nature of this unit. An examination of the principles and procedures which are used within the physical education curriculum and the individuals classwork is central to the outcome. Action research methods are explained and linked to the sociological qualities of current curriculum practices. These issues relate to individual relationships within the physical education settings.

Courses: ED26, ED31
Credit points: 12
Contact hours: 3 per week

■ HMB440 MOTOR DEVELOPMENT & LEARNING IN CHILDREN

The role of reflexes and early voluntary movements in the development of the child; fundamental patterns of movement (walking, running, jumping, throwing, catching) and their sequential development; development of comprehension and manipulation; theories of motor learning; evaluation of perceptual-motor, sensory-motor and psychomotor theories.

Courses: ED26
Credit points: 12
Contact hours: 3 per week

■ HMB441 SOCIOLOGY OF SPORT

A sociology of sport; historical and contemporary perspectives; sport in Australia; Australian sporting heritage; corruption of sport; control of sport; media and sport; inequality in sport; social issues in sport.

Courses: ED26
Credit points: 12
Contact hours: 3 per week

■ HMB442 ADMINISTRATION IN PHYSICAL EDUCATION & SPORT

Identification of duties of the administrator; administration theory; leadership styles and conflict resolution; budgeting and money management including sponsorship and fundraising; planning for a range of events; processes and procedures of management against a school and club setting.

Courses: ED26
Credit points: 12
Contact hours: 3 per week

■ HMB470 PRACTICUM I

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 & 2 of the HM42 academic program, PLUS successful completion of Years 1 & 2 HM42 practicum requirements, OR by agreement with the Course Coordinator
Credit points: 12

■ 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 at the end of Semester 1.
Courses: HL42, HL44, HM42
Prerequisites: 4th year status Credit points: 12

■ HMB472 PROJECT 2
The implementation of the plan, the analysis of results and publication of a report. Groups present a formal colloquium at the end of Semester 2.
Courses: HL42, HL44, HM42 Prerequisites: HMB471
Credit points: 12

■ 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, HL4, HM42
Prerequisites: Satisfactory completion of years 1-3 practicum requirements and 7 semesters of coursework
Credit points: 36

■ 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, special 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
Credit points: 12 Contact hours: 4 per week

■ HMB610 CLINICAL MEASUREMENT
Blood flow and volume, plethysmography; cardiorespiratory measurement; electrical impedance imaging; anthropometry and body composition; measurement of normal and pathological gait; kinematic and kinetic analyses of human movement and performance; functional evaluation of orthotics and prostheses; electromyography; ergonomic and environmental issues; measurement of special populations.
Courses: ME46 Prerequisites: HMB862, HMB864
Credit points: 8 Contact hours: 3 per week

■ HMB611 HUMAN PERFORMANCE
Human adaptation to physical activity; performance efficiency and enhancement in children and adolescents; performance characteristics of adults and the elderly; human performance and the environment; performance evaluation and restoration/enhancement in the injured or disabled population.
Courses: ME46
Prerequisites: HMB272, HMB274, HMB615
Credit points: 8 Contact hours: 3 per week

■ HMB614 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 (i.e. cardiorespiratory, metabolic, musculoskeletal, neuromuscular and central nervous system).
Courses: ME46
Credit points: 8 Contact hours: 3 per week

■ 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
Credit points: 8 Contact hours: 3 per week

■ HMB616 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: ME46
Credit points: 8 Contact hours: 3 per week

■ HMB801 SPORT & MASS MEDIA
The commercialisation and development of sport and the mass media are inextricably linked and the nature and implications of this relationship are the foundation for the investigation of this unit. Examination of the past, present and future aspects of this relationship through examination of current issues.
Courses: BS50
Credit points: 12 Contact hours: 3 per week

■ HMB802 STRUCTURE & POLICY OF AUSTRALIAN SPORT
An understanding of the structure and policies of Australian sport is fundamental for administrators who are required to operate through the levels of government for the conduct, promotion and funding of their chosen sport. The relevant documentation and strategies for operating within the system.
Courses: BS50
Credit points: 12 Contact hours: 3 per week

■ HMB862 BIOMECHANICS OF HUMAN MOVEMENT
Measurement techniques within biomechanics; analysis of force systems; photographic and goniometric analysis of movement; an introduction to viscoelasticity and biological materials; materials properties; mass and inertial characteristics of the human body; applied aspects of biomechanics undertaken from the research project perspective.
Courses: ME46
Credit points: 8 Contact hours: 4 per week

■ HMB864 FUNCTION & 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

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and function; analyses of movement tasks including walking and running; cinematography and electromyography in functional anatomy of movement tasks.

Courses: ME46  
Prerequisites: LSB131  
Credit points: 8  
Contact hours: 4 per week

■ HMP601 EXERCISE & 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  
Credit points: 12  
Contact hours: 3 per week

■ HMP502 EXERCISE & WEIGHT CONTROL
Explores the role of physical activity in the maintenance of desirable body composition, body composition assessment methods, and a detailed appraisal of the current status of exercise and diet in the prevention and management of body composition.

Courses: HL88, HL68, HL38  
Credit points: 12  
Contact hours: 3 per week

■ HMP505 CLINICAL MEASUREMENT
Measurement of normal and pathological gait; kinematic and kinetic analyses of human movement and performance; functional evaluation of orthotics, prostheses, electromyography, bioelectrical impedance and imaging techniques, measurement of cardiovascular and respiratory function with examples from special populations.

Courses: HL88, HL68, HL38, HM42  
Prerequisites: Satisfactory completion of 3 year undergraduate program in HMS or equivalent.  
Credit points: 12  
Contact hours: 3 per week

■ HMP610 CLINICAL MEASUREMENT
Measurement of normal and pathological gait; kinematic and kinetic analyses of human movement and performance; functional evaluation of orthotics, prostheses, electromyography, bioelectrical impedance and imaging techniques, measurement of cardiovascular and respiratory function with examples from special populations.

Courses: ME46  
Prerequisites: HMB862, HMB864  
Credit points: 8  
Contact hours: 3 per week

■ HUB007 HEALTH & ETHICS
An introduction to ethics within a health care context. Particular focus on the role of health care educators exploring the ethical challenges confronting them and the ways in which they may cultivate moral sensitivity as part of community ‘well-being’.

Courses: ED50  
Credit points: 12  
Contact hours: 3 per week

■ HUB008 RESEARCH METHODS IN ETHICS & BIOETHICS
Health care practice, including that of nursing practice, is both constituted by ethical values and embedded in a broader area of social provision, that of health care, where ethical concerns and dilemmas are constantly emerging. Consequently, the areas of health care ethics, bioethics and nursing ethics challenge the contemporary health care professional as a reflective practitioner and provide an emerging focus of postgraduate and professional research. This unit has been designed for those who plan to pursue postgraduate research in an area of applied ethics or bioethics or for those health care professionals who wish to develop a further expertise in their grasp of the ethical dimension to health care practice.

Courses: NS40, NS48  
Credit points: 12  
Contact hours: 3 per week

■ HUB009 ETHICS LAW & 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  
Credit points: 12  
Contact hours: 3 per week

■ HUB201 THE LIVING ENVIRONMENT
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, EU20, EU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86  
Credit points: 12  
Contact hours: 3 per week

■ HUB202 WORLD REGIONS
Overview of world regional geography. It highlights key themes in both physical and human geography within specific regions, such as human-environment interactions, resource management; natural hazards; population and culture; and economic development.

Courses: ED50, EU20, EU22, IF70, IF82, IF83, IF84, IF86  
Credit points: 12  
Contact hours: 3 per week

■ HUB207 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, EU20, EU22, IF70, IF82, IF83, IF84, IF86  
Prerequisites: HUB201  
Credit points: 12  
Contact hours: 3 per week

■ HUB220 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, EU20, EU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30  
Credit points: 12  
Contact hours: 3 per week

■ HUB330 BRISBANE IN THE TWENTIETH CENTURY: DEFINING MOMENTS IN THE CITY’S PAST CENTURY
This unit focuses on turning points in Brisbane’s development over the last century. It adopts a multi-disciplinary approach to investigate the political, social, economic and cultural development of the city. Initial lectures concentrate on problems associated with the study of both local and oral history and seek to identify the major sources for such investigations. Sample case studies examine several “defining moments” drawing upon historical, literary and audio-visual sources. The second half of the unit involves students in fieldwork as they research their chosen “defining moment” of Brisbane’s past. Students presentation of their findings form the concluding part of the unit.

Courses: ED50, EU20, EU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30  
Credit points: 12  
Contact hours: 6 per week

■ HUB331 ASIAN IDENTITIES
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 student 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: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30
Credit points: 12

Contact hours: 3 per week

■ HUB451 INTRODUCTORY MANDARIN
This is an introductory unit in Chinese language for students without prior knowledge of the Chinese language. It is offered in the intensive mode only in two four-week sessions. Content will include speaking, reading of Mandarin or Putonghua Chinese both in the romanised pinyin and simplified character modes. Offered only during the summer break.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30
Credit points: 12

Contact hours: 3 per week

■ HUB472 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12

Contact hours: 4 per week

■ HUB601 HUMAN IDENTITY & 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 humans in their encounters with the demands of contemporary life.

Courses: HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12

Contact hours: 3 per week

■ HUB610 APPROACHES TO ASIA/PACIFIC STUDIES
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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12

Contact hours: 3 per week

■ HUB612 MODERN INDONESIAN STUDIES
An understanding of the geography and history of contemporary Indonesia; regional political and economic influences including ASEAN; domestic politics; demographic issues; Australia-Indonesia relationships.

Courses: ED50, ED51, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12

Contact hours: 3 per week

■ HUB617 WOMEN, AID & DEVELOPMENT
Challenges existing notions of development; evaluates current models of development and aid in terms of their implications for women; suggests that real development for women and their dependants requires a woman-centred approach.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12

Contact hours: 3 per week

■ HUB618 ASIAN WOMEN: TRADITION, COLONIALISM AND REVOLUTION
Use case studies to provide a broad analysis of Asian women’s experiences of tradition, colonialism and revolution; highlights the linkages between traditional culture, colonialism and revolution; provides and appreciation of both the historical experiences and some of the contemporary concerns of Asian women.

Courses: ED50, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86
Credit points: 12

Credit points: 3 per week

■ HUB619 PACIFIC CULTURE CONTACT
Key concepts including mobility, religion, morality, leadership, civilisation, 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: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12

Credit points: 3 per week

■ HUB624 ADVANCED SEMINAR IN ASIA PACIFIC STUDIES
An advanced seminar in Asia-Pacific Studies normally taken by third and fourth year (Honours) students. Topics to be announced.

Courses: ED50, HU20, HU22, HU21, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12

Contact hours: 3 per week

■ HUB625 NORTH AMERICAN LITERATURE
Concentrates principally on twentieth century North American literature in the years preceding World War II and in the postwar reconstruction period to the present. Particular emphasis on major preoccupations in literature and on the ways in which writers have responded to, and interpreted, political and social currents.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12

Credit points: 3 per week

■ HUB626 CONTEMPORARY SOUTHEAST ASIA
An introduction to Southeast Asia as a region focusing on its recent history and geographical characteristics, recent political developments, population and urban studies, economic development and social and cultural characteristics.

Courses: ED50, HU20, HU22, IF26, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12

Contact hours: 3 per week

■ HUB629 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.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12

Contact hours: 3 per week

■ HUB646 INTERNATIONAL INTENSIVE PROGRAM
Short period of intensive language study conducted at an approved institution aims to enhance language skills and introduce students to the culture of the country in an immersion situation.

Courses: BS50, ED50, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12

Contact hours: 3 per week

■ HUB647 INTERNATIONAL SUMMER SCHOOL OR EQUIVALENT
Four to six weeks of concentrated learning at an approved institution.

Courses: BS50, ED50, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 24

■ HUB648 INTERNATIONAL SEMESTER OR EQUIVALENT
An approved course of study at a designated foreign institution for one semester.

Courses: ED50, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 48
HUB649 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.

Credit points: 12
Contact hours: 4 per week

HUB650 INDONESIAN 1
These entry level units aim 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, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12
Contact hours: 4 per week

HUB651 INDONESIAN 2
These entry level units aim 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, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12
Contact hours: 4 per week

HUB652 INDONESIAN 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, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Prerequisites: HUB650 or equivalent
Credit points: 12
Contact hours: 4 per week

HUB653 INDONESIAN 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, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Prerequisites: HUB652 or equivalent
Credit points: 12
Contact hours: 4 per week

HUB654 INDONESIAN 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, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Prerequisites: HUB653 or equivalent
Credit points: 12
Contact hours: 4 per week

HUB655 INDONESIAN 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, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Prerequisites: HUB654 or equivalent
Credit points: 12
Contact hours: 4 per week

HUB656 INDONESIAN 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 some in depth topics of special interest and relevance to their individual vocational, career or research needs.

Courses: BS56, ED50, ED51, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Prerequisites: HUB655 or equivalent
Credit points: 12
Contact hours: 4 per week

HUB657 INDONESIAN 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 some in depth topics of special interest and relevance to their individual vocational, career or research needs.

Courses: BS56, ED50, ED51, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Prerequisites: HUB656 or equivalent
Credit points: 12
Contact hours: 4 per week

HUB660 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, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12
Contact hours: 4 per week

HUB661 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, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12
Contact hours: 4 per week

HUB662 JAPANESE 3
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, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Prerequisites: HUB660
Credit points: 12
Contact hours: 4 per week

HUB663 JAPANESE 4
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, HUB6, HUB2, IF63, IF64, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12
Contact hours: 4 per week
HUB661 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30
Prerequisites: HUB663
Credit points: 12
Contact hours: 4 per week

HUB665 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30
Prerequisites: HUB664
Credit points: 12
Contact hours: 4 per week

HUB666 JAPANESE 7
The focus of this unit is the media. Television news and documentary programs of social and cultural interest are made available 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30
Prerequisites: HUB665
Credit points: 12
Contact hours: 4 per week

HUB667 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30
Prerequisites: HUB666
Credit points: 12
Contact hours: 4 per week

HUB670 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, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86 IF70, SC30
Credit points: 12
Contact hours: 4 per week

HUB671 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, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30
Credit points: 12
Contact hours: 4 per week

HUB672 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, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86 IF70, SC30
Prerequisites: Year 12 French or equivalent
Credit points: 12
Contact hours: 4 per week

HUB673 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30
Prerequisites: HUB672
Credit points: 12
Contact hours: 4 per week

HUB674 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30
Prerequisites: HUB673
Credit points: 12
Contact hours: 4 per week

HUB675 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 IF70, SC30
Prerequisites: HUB674
Credit points: 12
Contact hours: 4 per week

HUB677 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 IF70, SC30
Prerequisites: HUB675
Credit points: 12
Contact hours: 2 per week

HUB678 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 Francais Commercial et Economique.

Courses: BS56, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30
Prerequisites: HUB675 (or better)
Credit points: 12
Contact hours: 4 per week

HUB679 FRENCH 9
Advanced French unit available through cross-enrolment at the University of Queensland. See staff for details.

Courses: BS56, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30
Prerequisites: HUB675
Credit points: 12
Contact hours: 3 per week

HUB682 SOCIAL MOVEMENTS IN AUSTRALIA
New social movements in Australia since the 1960s: includes green, women’s, peace, indigenous and Third World development movements; comparison with overseas and old social movements.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 IF70
Credit points: 12
Contact hours: 3 per week

HUB683 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.
Current comparisons.

digenous politics: political representation; land rights; health;

Cultural experiences.

Courses: ED50, HU20, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB685 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, HU20, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB687 CONTEMPORARY MORAL ISSUES (FACULTY OF ARTS FOUNDATION UNIT)

Introductory overview to moral discourse and ethical issues with particular reference to Australian society. Its interdisciplinary approach and focus on professional ethics are relevant to studies across Faculties. Issues analysed include: truth-telling and integrity; sexual morality; bioethics; euthanasia; environmental ethics; political ethics; global poverty.

Courses: HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB692 CONSPIRACY & DISSENT IN AUSTRALIAN HISTORY

Cases that 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB694 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: HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB700 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB701 INDIGENOUS AUSTRALIAN WRITING

Despite the fact that it represents the indigenous culture of Australia, the oral tradition of Aborigines and Torres Strait Islanders has only recently begun to be appreciated. By examining this tradition, its continuation to the present day and its transformation into published texts, this unit seeks to open the eyes of students to a different world view.

Courses: ED50, HU20, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB703 INDIGENOUS POLITICS & 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, HU20, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB704 ADVANCED SEMINAR IN INDIGENOUS FILM AND TEXT

A specially-designed Advanced Seminar (for Third Year and Honours students) which explores the interaction between novels, plays, scripts and film versions of works by Indigenous Australian authors.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB710 AUSTRALIAN LITERATURE & CULTURE

A critical appreciation of various texts from Australia’s literary tradition; considers the impact of social values, political and artistic movements upon literary production and genres; the dichotomy of mainstream and marginalised writing in various periods and traditions of Australia’s cultural traditions.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB711 AUSTRALIAN WOMEN'S WRITING

Examines the literary contribution of Australian women writers from the nineteenth and twentieth centuries to Australian culture and society; focuses on a number of significant texts that raise crucial issues in their representation of women’s lives and identities.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB712 AUSTRALIAN CHILDREN’S & ADOLESCENT FICTION

Children’s and adolescent novels within the cultural context of nineteenth and twentieth century Australia; focuses on textual analysis of major generic types; considers issues such as race, gender, class and regionalism in fiction for young Australians.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB716 INTRODUCTION TO LITERARY & CULTURAL STUDIES

Introduces some of the major theoretical issues underlying contemporary developments in the field of cultural and textual analysis.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB720 EUROPE SINCE 1945

Uses historical and literary perspectives to highlight major themes in the development of European society and culture since 1945.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB721 THE CLASSICAL WORLD – ROME

The emergence and development of European society from earliest times to 500 AD; it examines the major political, social and economic trends in classical Roman society.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week

HUB722 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 nation states.

Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12
Contact hours: 3 per week
■ HUB724 NINETEENTH CENTURY ENGLISH LITERATURE & CULTURE
Focuses on two major literary genres: the novel and poetry; their evolution and variety in a time of profound economic, political and social change in England between 1790 and 1880; examines the variety of response of a number of literary artists to these changes and the ways narrative and verse forms were adapted and evolved.
Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12  Contact hours: 3 per week

■ HUB725 TWENTIETH CENTURY LITERATURE & CULTURE
Critical analysis of key literary texts of the twentieth century (prose, poetry, drama); the theoretical and cultural movements that underpin them.
Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12  Contact hours: 3 per week

■ HUB727 SHAKESPEARE & THE MODERN WORLD
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 Shakespearean genre studies.
Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12  Contact hours: 3 per week

■ HUB730 GENDER, WRITING AND REPRESENTATION
Examines ways gender has been represented in literary and non-literary texts; identifies cultural contexts in which women write and are represented; examines nineteenth and twentieth century texts by European writers by and about women and men.
Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12  Contact hours: 3 per week

■ HUB731 FRENCH 10
Practical introduction to French-English translation. Available through cross-enrolment in FH306 at the University of Queensland.
Courses: BS56, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Prerequisites: HUB675  Credit points: 12  Contact hours: 3 per week

■ HUB735 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12  Contact hours: 4 per week

■ HUB736 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12  Contact hours: 4 per week

■ HUB737 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12  Contact hours: 4 per week

■ HUB738 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12  Contact hours: 4 per week

■ HUB739 GERMAN 5
Develops linguistic competence to a higher level through intensive study of syntax and vocabulary expansions. 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70
Credit points: 12  Contact hours: 4 per week

■ HUB740 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12  Contact hours: 4 per week

■ HUB741 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, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30
Credit points: 12  Contact hours: 4 per week

■ HUB742 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, HU20, HU22, IF36, IF39, IF70, SC30, IF30, IF43, IF70, IF81, IF82, IF86
Credit points: 12  Contact hours: 4 per week

■ HUB744 MEDIEVAL EUROPE
The unit covers selected topics in European politics and culture from the barbarian invasions of the fifth century AD, through the Carolingian period down to the civilisation of the late Middle ages.
Courses: ED50, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12  Contact hours: 3 per week

■ HUB751 PUBLIC & 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: HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12  Contact hours: 3 per week

■ HUB752 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: HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86
Credit points: 12  Contact hours: 3 per week

■ HUB753 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:** HU20, HU22, IF36, IF39, IF43, IF81, IF82, IF83, IF84, IF86

**Credit points:** 12  
**Contact hours:** 3 per week

**HUB754 FEMINISM & 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:** HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86

**Credit points:** 12  
**Contact hours:** 3 per week

**HUB755 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:** HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86

**Credit points:** 12  
**Contact hours:** 3 per week

**HUB757 ETHICS, TECHNOLOGY & 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:** HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86

**Credit points:** 12  
**Contact hours:** 3 per week

**HUB758 RESEARCH METHODS IN 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:** HU20, HU22, HU21, NS40, NS48

**Credit points:** 12  
**Contact hours:** 3 per week

**HUB760 INTRODUCTION TO GENDER STUDIES**
 Introduces a broad spectrum of issues related to gender studies and to the major theoretical debates about gender in fields including literature, history, psychology, philosophy, sociology and ethics.

**Courses:** HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86

**Credit points:** 12  
**Contact hours:** 3 per week

**HUB800 POLITICS & MARKETS**
 Introduces major debates in political economy about mixed economy and balance between collective and individual provision; theories of production and consumption, modes of production and regulation, studies of public intervention.

**Courses:** HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86

**Credit points:** 12  
**Contact hours:** 3 per week

**HUB802 POLITICS & THE SOCIAL CONTRACT**
 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:** HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86

**Credit points:** 12  
**Contact hours:** 3 per week

**HUB900 RESEARCH, CONTEXTS & ISSUES**
 An advanced introduction to research activity and scholarly discourse as practised in a wide range of disciplines relevant to study in the humanities including the nature of humanities research; research methodologies and philosophies; issues and theoretical debates; community links; public policy dimensions of social inquiry and humane studies; salient contemporary concerns relating to equity, cultural diversity and gender.

**Courses:** HU21, AT22

**Prerequisites:** HU20, HU22 or equivalent

**Credit points:** 12  
**Contact hours:** 3 per week

**HUB901 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:** HU21

**Prerequisites:** HU20, HU22 or equivalent

**Credit points:** 12

**HUB902 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:** HU21

**Prerequisites:** HU20, HU22 or equivalent

**Credit points:** 12

**HUB903 HONOURS DISSERTATION 2**
 Supervised research and writing of the Honours dissertation, normally between 12 000 and 15 000 words.

**Courses:** HU21

**Prerequisites:** HU20, HU22 or equivalent, HUB901 and HUB902

**Credit points:** 36

**HUB904 HONOURS SEMINAR**
 Weekly discussion and presentations relating to research and writing of the Honours dissertation.

**Courses:** HU21

**Prerequisites:** HU20, HU22 or equivalent and HUB900

**Credit points:** 12  
**Contact hours:** 3 per week

**HUB952 INTERNSHIP PROGRAM 1**
 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 or 2 or 3.

**Credit points:** 24

**HUB953 INTERNSHIP PROGRAM 2**
 Opportunity for students to be placed in an appropriate off-campus situation in work related to their studies. Able to be taken in either semester 1 or 2 or 3.

**Credit points:** 12

**HUB954 INDEPENDENT STUDIES UNIT**
 Designed to develop research and writing skills, and available within the BA degree, enabling students to engage in a small-scale research project.

**Courses:** HU20, HU22

**Prerequisites:** HUB901 and HUB902

**Credit points:** 12

**HUB980 IF880 PROJECT**
 Students undertake a project requiring research, investigation or design of some topic or problem of interest to the profession.

**Courses:** IF25

**Prerequisites:** Successful completion of units totalling not less than 120 hours of weekly contact time

**Credit points:** 24  
**Contact hours:** 2 per week

**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 stra-
egy; personal file management; evaluating information.

Courses: CN75, BN78, PS69, SC60, SC80
Credit points: 4  Contact hours: 12 in total

■ 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: 96

■ 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: 96

■ IFN200 PART-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: 96

■ IFP002 INFORMATION PROCESSING
Introduces the student to a range of problem solving techniques and shows how these can be used to solve various problems using a procedural 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.
Contact hours: 5 per week

■ ISF001 INTRODUCTION TO SCIENCE
Introduces students to scientific study and research processes and the basic principles underlying Chemistry, Physics and Life Science within a global context; matter; forces; cells and tissues; energy, work and power; air; machines; electricity; sound; light; the body; heat; genetics and evolution; magnetism and organisms and their environment.
Contact hours: 5 per week

■ ITA840 INTRODUCTION TO COMPUTING
An overview of computing ranging from the impact of computers on society through to their use in everyday life. Emphasis is on demystifying computers and providing an understanding of the abilities of computers in the areas of Internet access, word processing and spreadsheet applications.
Courses: SC12, SC15
Credit points: 8  Contact hours: 2 per week

■ ITB105 STUDY OF INFORMATION TECHNOLOGY
Three compulsory modules are completed within this unit. Module 1 FIT Computing Environments and Utilities: The QUT access system, FIT PC and Unix networks; using E-mail in FIT; telnet and its use; FTP and its use: using FITSIS; Computer Managed Learning; at QUT: Limitations of FIT computing resources. Module 2 QUT Information Resources: QUT handbook via the WWW: Electronic Reserve; FIT faculty resource guide; information retrieval in the QUT library; the library’s Public Access Database; the WWW as a study resource. Module 3 Study Strategies: time management; listening and note taking; effective listening; concept mapping (quick and effective note taking).
Courses: IT21, IF58, IF59, IF79, IF38, IF48  Credit points: 0  Contact hours: 3 weeks (4 weeks for part-time students)

■ ITB106 FOUNDATIONS OF COMPUTING
Sets: basic definitions, operations and counting techniques; relations and functions: 1-1, m: 1, m: n relationships, domain and range, partial vs total order; introduction to propositional logic: propositions, truth values, truth tables, basic deduction, logical equivalence, laws of logic and boolean algebra; predicate calculus: predicates, quantification, equivalence, hom clauses, basic inferencing , introduction to automatic inferencing; induction and recursion : recursive functions, proof by induction; probability: basic probability concepts, permutations and combinations, conditional probabilities. Basic structures : list, graphs and trees, basic concepts and terminology.
Courses: IT21, IF58, IF59, IF79, IF38  Credit points: 12  Contact hours: 3 per week

■ ITB107 PROGRAMMING LABORATORY
Reinforcement of the fundamental programming concepts already introduced in ITB410 through a series of practical exercises. Introduces students to another programming language. Develops practical programming skills in writing well structured and well documented software and in testing and debugging that software.
Courses: IT21, IF58, IF59, IT79, IF38, IF48  Prerequisites: ITB410  Credit points: 12  Contact hours: 3 per week

■ ITB220 DATABASE DESIGN
Three schema architecture: Conceptual schema design. Transformation of the conceptual schema design into logical file designs for relational databases. The normalisation process. The integrity of relational databases.
Courses: IF33, IF38, IF54, IT20, IT21, IF48, IF58, IF79  Prerequisites: ITB225  Credit points: 12  Contact hours: 3 per week

■ ITB221 3GL SYSTEMS
Extends student skills in structured program design and implementation through a widely used commercially oriented third generation language. Programming examples are drawn from typical industry applications such as sequential/non-line file updates and enquiries. Students will critically evaluate systems based on good design principles.
Courses: BS50, IF33, IF38, IT20, IT21, IF48, IF58  Prerequisites: ITB410 & ITB225  Credit points: 12  Contact hours: 3 per week

■ ITB222 SYSTEMS ANALYSIS & DESIGN
Introduction – role of information systems; system develop- ment life cycles. Approaches to systems development; overview of systems analysis; role of the systems analyst; problem definition; feasibility analysis; information gathering. Introduction to CASE Tools. Data modelling – use of CASE Tools. Process Modelling – introduction; drawing DFDs – use of CASE Tools. Process descriptions; system dictionaries/documentation; methodologies; walkthroughs; coping with change; prototyping; information system design principles; summary/trends in systems analysis.
Courses: IT20, IT21, IF38, IF48, IF58, IF79  Prerequisites: ITB225  Credit points: 12  Contact hours: 3 per week

■ ITB223 4GL SYSTEMS
Characteristics of a 4GL environment; 4GLs, databases, and information systems; creating a Database in the 4GL; reporting ad hoc reports and the report generator. Forms as the basis for an application, creating simple forms, creating master-detail forms, controlling the behaviour of forms through trig-gers,- coding transactions and processes.
COURSES: IF33, IF38, IT20, IT21, IF48, IF58
Prerequisites: ITB220
Credit points: 12
Contact hours: 3 per week

**ITB225 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: IT21, IF58, IF59, IF79, IF38, IF48
Credit points: 12
Contact hours: 3 per week

**ITB226 INFORMATION THEORY**
What is information? Information structures: models are types of information; information in the mind; language as information carrier; production and use of information.
Courses: IT21
Prerequisites: Completed 48 credit points of IT units
Credit points: 12
Contact hours: 3 per week

**ITB230 PROJECT**
Project management skills; quality control, ethical and social implications; matters of professional practice.
Courses: IT20, IT21
Prerequisites: Successful completion of at least 72 credit points from the Information Systems major.
Credit points: 12

**ITB232 DATABASE SYSTEMS**
Database design tools; theory of normalisation; theoretical foundations of query languages; access methods; concurrency control; crash recovery; deadlock management and transaction management for advanced applications; query processing and optimisation; introduction to distributed databases.
Courses: IF33, IT20, IT21, IF40, IF48
Prerequisites: ITB106
Corequisites: ITB107 & ITB225
Credit points: 12
Contact hours: 3 per week

**ITB236 OBJECT-ORIENTED SYSTEMS**
Object orientation modelling; the object model; the dynamic model; the functional model; OO analysis; OO design; OO implementation.
Courses: IT20, IT21, IF48
Prerequisites: ITB220 & ITB225
Credit points: 12
Contact hours: 3 per week

**ITB238 TEXT STORAGE & RETRIEVAL**
The relevant issues regarding electronic text storage and retrieval. Issues surrounding document databases including: retrieval models, characterisation languages, evaluation paradigms, document description languages, file organisation.
Courses: IT20, IT21
Credit points: 12
Contact hours: 3 per week

**ITB240 GROUP PROJECT**
The project unit provides students with a grounding in project related generic skills, and exposes students to the practical realities of the professional work environment. Students will usually work in small groups on a common topic.
Courses: IT20, IT21, IF48
Prerequisites: Successful completion of at least 72 credit points from the Information Systems major.
Credit points: 12

**ITB241 INFORMATION TECHNOLOGY MANAGEMENT**
Architecture and design of an Enterprise Wide System; system selection processes; demonstration of process model; outsourcing; implementation issues; project management and business issues with IT.
Courses: IF33, IF38, IT20, IT21, IF48
Prerequisites: Completion of 144 credit points
Credit points: 12
Contact hours: 3 per week

**ITB242 MANAGEMENT SUPPORT SYSTEMS**
Management support systems and other information systems; the role of the computer in decision making; management support systems, GDSS, EIS overview; the architecture of a management support system; model building; developing management support systems; placement of management support systems staff; management support systems software selection; applications of management support systems; executive information systems; group decision support systems.
Courses: BS50, IT20, IT21, IF48
Prerequisites: ITB222 or equivalent
Credit points: 12
Contact hours: 3 per week

**ITB243 KNOWLEDGE-BASED SYSTEMS**
Examination of the requirements for and development of knowledge-based systems in modern mainstream computing; the techniques used in capturing and automating knowledge; practical insights into designing, implementing and maintaining knowledge-based systems.
Courses: IT20, IT21
Prerequisites: ITB222
Corequisites: ITB220
Credit points: 12
Contact hours: 3 per week

**ITB244 SPECIAL TOPIC (DATABASES)**
This unit is designed to allow for the significant development of, or emphasis in, databases not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.
Courses: IT20, IT21
Prerequisites: See School announcements
Credit points: 12
Contact hours: 3 per week

**ITB245 SPECIAL TOPIC (SOI)**
This unit is designed to allow for the significant development of, or emphasis in, science of information not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.
Courses: IT20, IT21
Prerequisites: See School announcements
Credit points: 12
Contact hours: 3 per week

**ITB252 DISTRIBUTED DATABASES**
Distributed query optimisation; distributed transaction management systems; distributed database architecture and distributed database issues using commercial databases and standard distributed computing commercial products based on the CORBA standard.
Courses: IT21
Prerequisites: ITB232
Credit points: 12
Contact hours: 3 per week

**ITB253 CONCEPTUAL MODELLING**
Conceptual modelling and the systems development life cycle; facts and relationships; constructing a conceptual schema diagram; refining and checking that schema; mapping to a relational schema; making simple statements formally; sets, types and constructed types; types and subtypes; mapping a conceptual schema diagram to a formally-expressed state schema; expressing rules using quantification; operations for describing change; specifying state transitions; Entity-relationship modelling; case study.
Courses: IT21
Prerequisites: ITB220
Corequisites: ITB225
Credit points: 12
Contact hours: 3 per week

**ITB254 PRINCIPLES OF HUMAN COMPUTER INTERACTION**
Introduction to human-computer interaction; principles of human cognition; introduction to evaluating interface designs; input/output and other basics; user centred design; requirements and task analysis; structured HCI design methods; guidelines and standards for interface design; prototyping in...
user needs specification; testing & evaluating interface designs; basics of support printed manuals, on-line help; Hypertext and other information exploration tools; demonstration & discussion of prototypes; summary and review.

Courses: IT21
Prerequisites: ITB257 or equivalent
Credit points: 12
Contact hours: 3 per week

[ ] ITB255 SPECIAL TOPIC (ITM)
This unit is designed to allow for the significant development of, or emphasis in, information technology management not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.

Courses: IT21
Prerequisites: To be determined when the unit is offered
Credit points: 12
Contact hours: 3 per week

[ ] ITB256 SPECIAL TOPIC (MULTIMEDIA)
This unit is designed to allow for the significant development of, or emphasis in, multimedia not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.

Courses: IT21
Prerequisites: To be determined when the unit is offered
Credit points: 12
Contact hours: 3 per week

[ ] ITB257 MULTIMEDIA SYSTEMS
Multimedia Authoring; Cognitive aspects of multimedia; the media elements; still images and text; moving images; sound (wave form, MIDI, voice); integration of time based media; compression and transmission of multimedia; hypermedia; putting a multimedia product together; client/server considerations for multimedia delivery; programming development for multimedia; the future in multimedia.

Courses: IT20, IT21, IF48
Prerequisites: 48 credit points of IT units.
Credit points: 12
Contact hours: 3 per week

[ ] ITB258 ABAP/4 PROGRAMMING
ABAP’s 4GL Development language and environment ABAP/4 is the proprietary 4GL that is shipped with R/3. The ABAP/4 Development Workbench can be used for modifying or individually enhancing standard R/3 applications. However, its primary use is in developing individual solutions separate from SAP standard software with an integrated, professional tool kit. This unit provides an introduction to the use of the ABAP/4 Workbench and tool kit in developing client/server business applications.

Courses: IT21
Prerequisites: ITB257
Credit points: 12
Contact hours: 3 per week

[ ] ITB259 ADVANCED MULTIMEDIA TECHNOLOGIES
The unit includes: hands-on digitisation of all commonly used media (image, sound, video, animation); exploration of the literature on multimedia developments; design and evaluation of interactive multimedia applications; and development of an integrated class project.

Courses: IT21
Prerequisites: ITB257
Credit points: 12
Contact hours: 3 per week

[ ] ITB310 INFORMATION MANAGEMENT
Precursors to and formative influences on information management. Definitions of information and categorisation of levels of information management; information professions, their responsibilities and ethics, models for information science, information in organisations including internal and external sources and procedures for scanning; commercial databases. Introduction to standards and protocols for structuring information about information including mark-up such as SGML and HTML, transmission structures for EDI and MARC format, description control through information resource dictionaries and authority files, classification and indexing standards and query protocols.

Courses: IF38, IF54, IF58, IF79, IT20, IT21, IF48, IF59
Credit points: 12
Contact hours: 3 per week

[ ] 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: hard copy and machine-readable (HC and MR) including patents; technical/research reports, long-range planning information sources HC and MR including economic and business indicators; government documents; demographic data; forecasting techniques. Marketing information sources: HC and MR Standards; census data, company annual reports; people as sources of information; ethics of information gathering.

Courses: IT20, IT21, IF48
Credit points: 12
Contact hours: 3 per week

[ ] ITB324 PERSONAL PRODUCTIVITY SOFTWARE
Introduction and analyses of knowledge work tasks and activities: consideration of sources, analysis and storage; use of data as a basic unit of information including the organisation of information, information systems and, information technology. Descriptions of typical organisational data types and how they are accessed; approaches to applying software; features of productivity software; current issues in productivity software.

Courses: IT21, IF48
Credit points: 12
Contact hours: 3 per week

[ ] ITB330 INFORMATION ISSUES & VALUES
Concepts of information and the associated technology create fundamental issues for society, particularly in the legal, political and social arenas. Exploration of the development of such concepts in order to create an awareness of both the indirect and direct impacts of information and the associated technology. Such an awareness is crucial in the effective direction of management of information.

Courses: IF52, IF54, IT20, IT21, IF48
Prerequisites: Completion of 96 credit points of IT units.
Credit points: 12
Contact hours: 3 per week

[ ] ITB331 INFORMATION ANALYSIS & PLANNING
Burk and Horton’s Information Mapping methodology based on information resource entities is undertaken in local organisations; the principles and practice of evaluation of information and information systems are considered with students undertaking evaluation exercises based on current information resources; the repackaging of information resources is considered and the principle of value adding and service evaluation are introduced; end user information needs are investigated across a range of environments and typical solutions, eg the information centre, are discussed; based on the above, planning (methodology and frameworks) in an information environment is introduced.

Courses: IF52, IF54, IT20, IT21, IF48
Prerequisites: ITB310
Credit points: 12
Contact hours: 3 per week

[ ] ITB335 DIGITAL LIBRARIES
Introduction; historical development of automated library systems, the effect upon them of computer networks and digitisation of information; document delivery and associated library subsystems; acquisitions, circulation and interlending; library cataloguing systems; meta-information standards and publishing; reference and information retrieval systems; text and image digitisation and retrieval systems; library networks; software for management support.

Courses: IT21
Prerequisites: ITB322
Credit points: 12
Contact hours: 3 per week

[ ] ITB337 INFORMATION ORGANISATION 1
Description of recorded knowledge in its various forms, rules

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and standards for description and organisation in different environments; database creation, control and report formatting; comparison of bibliographic and nonbibliographic report formats; citation and citation software; content analysis and vocabulary control; indexing and indexing display formats; classification and introduction to general classification systems, and comparison with subject-specific systems.

Courses: IT21
Credit points: 12  
Incompatible with: ITP327

■ ITB338 INFORMATION RESOURCES PROVISION
The concept of information and the information life cycle; intellectual property and intellectual freedom; assessing community information needs and wants; evaluation and maintenance of resource collections; cooperative collection development and resource sharing; the multifaceted role of conspectus; writing and testing a collection policy document; print, non-print and multimedia publishers/producers; legal and ethical issues in information resource provision; locating alternative information resource providers; selection aids and tools for acquiring information resource items; techniques for assessing community information needs.

Courses: IT21
Credit points: 12  
Incompatible with: ITP329

■ ITB339 PROFESSIONAL PRACTICE
Historical 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 other information professionals; field experience involving day-to-day employment in a library or other information agency.

Courses: IT21
Prerequisites: ITB322 & ITB337
Credit points: 12  
Incompatible with: ITP330

■ ITB340 PROJECT
A project is carried out as group work, with a minimum of 2 per group, and usually initiated by students, although staff make particular project suggestions that are available in the FITSIS project database to stimulate student ideas. The project requires a project management plan to be developed by the students and monitored before and during the project by the supervisor. The project normally is commenced by identifying a user group with a particular information need and then creating an outcome or product that satisfies, or provides a model for satisfying, the information requirement.

Courses: IT20, IT21
Prerequisites: Completion of at least 72 credit points from the Information Management major
Credit points: 12

■ ITB341 STRATEGIC INFORMATION MANAGEMENT
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 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: IT52, IF54, IT20, IT21
Prerequisites: ITB331
Credit points: 12  
Incompatible with: ITB319

■ ITB410 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: IT21, IF38, IF59, IF79, IF48, IF59
Credit points: 12  
Contact hours: 3 per week

■ ITB411 SOFTWARE DEVELOPMENT 2
Quality software development is increasingly reliant upon design using existing or custom-built reusable library modules, with Abstract Data Types chosen to reflect the data and operations required by the application. This course provides the foundations of module specification and design, stressing the importance of separation of the applications 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: IT21, IF38, IF59, IT79, IF38, IF48
Prerequisites: ITB410
Credit points: 12  
Contact hours: 3 per week

■ ITB412 TECHNOLOGY OF INFORMATION SYSTEMS
Topics include: 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, the user view of operating system, and the internal operating system and file management.

Courses: IT21, IF58, IF59, IT79, IF38, IF48
Credit points: 12  
Contact hours: 3 per week
Incompatible with: ITN411

■ ITB420 COMPUTER ARCHITECTURE
The organisation of simple computer systems and the way in which hardware provides the basic facilities for the machine are investigated. The unit also provides an introduction to the techniques involved in the programming of output-input operations, on uniprocessor systems.

Courses: IT20, IT21, IF59
Prerequisites: ITB412
Credit points: 12  
Contact hours: 3 per week

■ ITB421 SOFTWARE DEVELOPMENT 3
Quality software development requires the design and implementation of efficient data structures with their associated algorithms. Builds upon the concepts of encapsulation and abstraction which were introduced in ITB411 by examining a number of implementations of the Table abstraction and evaluates the efficiency of each implementation.

Courses: IT20, IT21, IF59
Prerequisites: ITB411 & ITB107
Credit points: 12  
Contact hours: 3 per week

■ ITB424 SOFTWARE ENGINEERING PRINCIPLES
Introduction to software engineering; life cycle models; software engineering as a discipline. Introduction to project management; working in groups; personality types; managing team meetings; project planning (Gantt Charts, Activity Network Charts); log keeping and project estimation. Documentation standards. Testing strategies: white box and black box testing; test case specification; requirements testing. Basic system analysis and design. Simple requirements analysis. Introduction to Rigorous Specification. Software engineering issues.

Courses: IT20, IT21, IF59
Prerequisites: ITB411 & ITB107
Credit points: 12  
Contact hours: 3 per week

■ ITB426 OPERATING SYSTEMS
Operating systems architecture and concepts focusing on the practical natures of the UNIX and Windows NT operating systems; UNIX Shell programming; UNIX and Windows NT process and device management (including device drivers), related API’s; administration and security; Distributed systems – concepts and rationale.

Courses: IT21
Prerequisites: ITB421 & ITB412
Credit points: 12  
Contact hours: 3 per week
■ ITB432 ADVANCED PROGRAMMING LABORATORY
Team working; system documentation; requirements capture; rapid prototyping; user interface and GUI design; exposure to integrated development environment; GUI programming (windows/dialogs/menu) software component/object use and development; applied software engineering.
Courses: IT21
Prerequisites: ITB424 & ITB448
Credit points: 12
Contact hours: 3 per week

■ ITB433 PROGRAMMING LANGUAGES
This unit has a dual focus; it concerns the study of some modern programming language features and language processing. In particular a functional language is used to study: types, polymorphism and higher order routines. These features are finding their way into conventional languages; therefore it is important for students to understand them. Language processing, in the form of software tools, is a traditional area of computing science which is finding many new applications. The concepts and techniques behind language processing are studied using a functional language, in particular: scanning, parsing, type checking, interpreting and compiling.
Courses: IT21, IF79
Prerequisites: ITB411
Credit points: 12
Contact hours: 3 per week

■ ITB441 GRAPHICS
Courses: IF52, IF59, IT20, IT21
Prerequisites: ITB421
Credit points: 12
Contact hours: 3 per week

■ ITB442 FOUNDATIONS OF ARTIFICIAL INTELLIGENCE
Artificial Intelligence – history, scope, social implications, and other issues in AI; overview of languages of AI – Lisp, Prolog. Basic search and control; game trees; inferencing and automated reasoning; learning and problem solving. Knowledge representation and acquisition; production systems; survey of expert systems; architecture of knowledge-based systems. Building knowledge-based systems. New architecture for AI.
Courses: IT20, IT21, IF59
Prerequisites: ITB411
Credit points: 12
Contact hours: 3 per week

■ ITB444 SPECIAL STUDIES 1
Aspects of current scientific interest; making allowances for significant developments in computing science not provided for in the remainder of the course program. Details of topics are published before the start of each semester.
Courses: IT20, IT21
Credit points: 12
Contact hours: 3 per week

■ ITB445 SPECIAL STUDIES 2
Aspects of current scientific interest; making allowances for significant developments in computing science not provided for in the remainder of the course program. Details of topics are published before the start of each semester.
Courses: IT20, IT21
Credit points: 12
Contact hours: 3 per week

■ ITB447 PROJECT
Analysis, design and programming skills, and the underlying theory, are presented in various units; practice in those units naturally emphasises their particular specialisation. A project unit brings many of those skills together in a practical exercise of greater size and complexity, emphasising their complementary nature and the need for careful management. Students, either individually or in small groups, undertake a significant project, relevant to the needs of industry, government or a research area, carried out under the supervision of a staff member whose interests lie in the field of the project. Before work commences on the project, student(s) and supervisor(s) agree on the topic of the project and the scope of the work to be attempted. The role of the supervisor is to provide broad guidance on the methods and techniques to be used but progress depends largely on student initiative and problem-solving ability.
Courses: IT20, IT21
Prerequisites: Completion of at least 72 credit points from the Computing Science major
Credit points: 12

■ ITB448 OBJECT TECHNOLOGY
The unit provides an introduction to object technology and C++. The unit first examines how using object-oriented techniques can lead to more robust solutions than traditional design approaches. C++ is introduced as a concrete example of an object oriented language, and used to describe a number of fundamental ideas such as class, inheritance and polymorphism. UML is introduced as a concrete example of an object oriented analysis and design methodology, and used to demonstrate how object oriented solutions are properly created. Finally, a number of more advanced aspects of C++ are considered.
Courses: IT20, IT21
Prerequisites: ITB107 and ITB411
Credit points: 12
Contact hours: 3 per week

■ ITB450 ADVANCED COMPUTER ARCHITECTURE
Courses: IF59, IT20, IT21
Prerequisites: ITB420
Credit points: 12
Contact hours: 3 per week

■ ITB454 SOFTWARE QUALITY ASSURANCE
Software quality assurance is concerned with ensuring that software products are of high quality, and that the software development process supports the production of high quality software. In this unit it is presented as an integral part of software development, affecting all stages of the life cycle of a software product. Practical work focuses on the techniques and tools for defining, measuring and achieving high quality software products; and for helping to increase overall productivity.
Courses: IT20, IT21
Prerequisites: ITB424 or ITB222
Credit points: 12
Contact hours: 3 per week

■ ITB455 INTEGRATED SOFTWARE ENGINEERING ENVIRON
Software engineering process modelling; project management; project control; team interaction. Software engineering environment design; data analysis; integration frameworks; process/control integration; presentation integration. Software engineering documentation; on-line techniques and tools; Hypertext Markup language. Software engineering tools evaluation. Existing tool reviews.
Courses: IT20, IT21, IF58, IF79, IF59
Prerequisites: ITB424
Credit points: 12
Contact hours: 3 per week

■ ITB456 GRAPHIC USER INTERFACES
Introduction to the design and construction of GUIs. Conventional User Interfaces (CUIs) and graphical techniques are discussed as the basis for the development of GUIs. Although a computing science perspective is employed in the approach to all topics treated in this unit, influences from other disciplines are discussed.
Courses: IT20, IT21
Prerequisites: ITB421
Credit points: 12
Contact hours: 3 per week

■ ITB458 JAVA & EXTENSIBLE PROGRAMMING
An introduction to the Java language and its underlying theoretical basis; the practice of Java programming, and the creation of Java-applets for the WWW. Broader issues of run-time
extensibility, and the relationship to document-based program-
ming systems.

Courses: IT20, IT21
Prerequisites: ITB421
Corequisites: ITB448 or ITB236
Credit points: 12
Contact hours: 3 per week

■ ITB461 FOUNDATIONS OF NEUROCOMPUTING
Present the neurocomputing paradigm and explains the bio-
logical concepts on which it is based. Focus on how neuro-
computing complements the tools of the computing pro-
fessional; demonstrates that neurocomputing is an inherently
parallel computing method. Discusses the strengths and lim-
itations of the most used neural network architectures and train-
ing methods; provides hands-on experience with the analy-
sis of real world pattern recognition problems.

Courses: IT20, IT21
Prerequisites: ITB411 (knowledge of basic C programming
is assumed)
Credit points: 12
Contact hours: 3 per week

■ ITB463 FOUNDATIONS OF PATTERN
RECOGNITION
The notion of patterns and their representation. Examples of
pattern recognition problems. Overview of the field main
approaches to pattern recognition. Statistical approach to Pat-
tern Recognition. Linear discriminants. Clustering. Hidden
Markov Models. Syntactic Pattern Recognition – string, tree,
web, flex and shape glammers, parsing. Neural Network for
pattern recognition. Self-organising feature maps.

Courses: IT20, IT21
Prerequisites: ITB411
Credit points: 12
Contact hours: 3 per week

■ ITB464 MODERN COMPILER CONSTRUCTION
This unit provides students with a theoretical and practical
understanding of all major components of a modern compiler,
including scanner, parser, type checker, code generator,
optimizer, and linker. By the end of the unit, students should
be capable of writing a simple compiler of their own from
scratch, as well as being able to make simple modifications to
existing industrial strength compilers.

Courses: IT21
Prerequisites: ITB433
Credit points: 12
Contact hours: 3 per week

■ ITB465 CONCURRENT & DISTRIBUTED
SYSTEMS
Process synchronization, scheduling and communication;
models of concurrency: processes, threads, co-routines etc;
parallel processing and parallel processing languages; memory
management; the evolution of operating systems, distributed
systems, distributed operating systems and middleware; dis-
tached systems – their rationale, protocols and architecture;
related object and component based technologies (overview
level). Particular systems and platforms to be addressed will
include some of WindowsNT, UNIX, Amoeba, CORBA,
PVM, Ada95.

Courses: IT21
Prerequisites: ITB426
Credit points: 12
Contact hours: 3 per week

■ ITB466 COMPONENT TECHNOLOGY
Relevant industrial technologies include COM/ActiveX, Java/
JavaBeans and CORBA. This unit combines an in-depth cov-
erage of these approaches with a thorough introduction to their
relation to the theoretical concepts of component-oriented
software development.

Courses: IT21
Prerequisites: ITB448
Credit points: 12
Contact hours: 3 per week

■ ITB468 SOFTWARE ENGINEERING PROJECT
Students work in groups on a significant project involving all
phases of the software lifecycle from requirements on. The
emphasis in this project unit is on the processes involved in
software development and leading up to it, on the formal and
informal communication which is part of that, and on evalua-
tion (of the process) and estimation, rather than on the prod-
uct itself. The unit includes readings and lectures in project
management at the start of the semester. Students are required
to report to the unit co-ordinator at several points during the
semester and at the end of the semester. These reports will
focus on the processes, project management involved and their
evaluation.

Courses: IT21, IT58, IT79, IT59
Prerequisites: ITB424
Credit points: 12
Contact hours: 3 per week

■ ITB510 COMMUNICATIONS NETWORKS
Introduction to the technical design and implementation of the
Internet, World Wide Web (WWW), Local Area Networks (LANS)
and Wide Area Networks (WANs); OSI and TCP/IP
network architectures; switching techniques; routing and me-
dium access protocols; transmission media, transmission and
encoding schemes; network management and network secu-
rit.

Courses: IT21, IT38, IT48, IT58, IT59
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB510, ITB520

■ ITB531 APPLICATION SERVICES
High level network application design; network application
standards; distributed computing environments; collabora-
tive computing; electronic publishing; design and implementa-
tion of WWW software.

Courses: IT20, IT21, IT35/IT40
Prerequisites: ITB537
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN521

■ ITB532 NETWORK MANAGEMENT
Principles of computer network management and control; prac-
tical experience in the configuration of network management
software systems and in the interpretation of management in-
formation provided by these sub-systems; factors needed in
assessment of the control, management, performance, avail-
ability and security of data networks.

Courses: IT20, IT21, IT35/IT40
Prerequisites: ITB535 or ITB521
Credit points: 12
Contact hours: 3 per week

■ ITB533 COMPARATIVE NETWORK SYSTEMS
High-performance network application and server design;
server and client concurrency; network protocol design
choices; network file systems; remote procedure calls; finite
state machines; event driven programming methods for se-
curing network applications.

Courses: IT20, IT21, IT40
Prerequisites: ITB542 and ITB426
Credit points: 12
Contact hours: 3 per week

■ ITB535 NETWORK ADMINISTRATION
Installation, configuration, management, performance and
security of communication products and services. Transport
protocols for internetworking via repeaters, bridges, routers,
and gateways; network systems administration applications
services and protocols.

Courses: IT20, IT21
Prerequisites: ITB537 or ITB522 or ITN520
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB521

■ ITB537 INTERNET APPLICATIONS
TCP/IP network and address structure; internetworking IP ad-
dress classes; subnets, supernets, and CIDR; domain name
system; static routing in TCP/IP; introduction to dynamic rout-
ing; CGI and HTML forms processing; network client pro-
gramming.

Courses: IT21
Prerequisites: ITB107 or ITB411 and ITB510
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB522, ITN520

■ ITB538 NETWORK TECHNOLOGY
Network hardware; media access control protocols and algo-
rithms; basic data link analysis techniques; elementary
queueing systems; static and adaptive shortest path routing
algorithms; introduction to network analysis; network secu-
rit. legal issues.
Courses: IT21  Prerequisites: ITB537 and MAB177  
Credit points: 12  Contact hours: 3 per week  
Incompatible with: ITB522, ITB530

■ ITB539 DATA COMMUNICATIONS PROJECT  
Students undertake a significant group project; group dynamics; project management; quality control; ethics; social implications; matters of professional practice.  
Courses: IT21  
Prerequisites: Completion of at least 72 credit points of Data Communications units and a GPA of 5 or better.  
Credit points: 12  Contact hours: 3 per week  
Incompatible with: ITB522, ITB530

■ ITB541 TRANSMISSION TECHNIQUES  
High speed networks, satellite communications, fibre optics and wireless LANs; performance and optimisation of network links; and the interconnection of telecommunications equipment based on international standards.  
Courses: IT20, IT21  Prerequisites: ITB538  
Credit points: 12  Contact hours: 3 per week

■ ITB542 NETWORK PROGRAMMING  
TCP/IP network protocols; network programming paradigms; Unix socket interface; network data representations; network protocol design; name and address conversions.  
Courses: IT20, IT21, IT35/IT40  Prerequisites: ITB421 and ITB537  
Credit points: 12  Contact hours: 3 per week

■ ITB543 DATA SECURITY  
Information security within an organisation deals with the managerial and technical aspects involved in protecting the information. At the completion of this unit, students are able to demonstrate knowledge of the factors which impact upon the availability, integrity and confidentiality of data; make a realistic assessment of the needs for data security in an organisation; discuss the implications of security decisions on the organisation’s information systems.  
Courses: IT20, IT21, IT35/IT40  
Credit points: 12  Contact hours: 3 per week

■ ITB546 SPECIAL TOPIC 1  
This unit is designed to allow for the significant development of, or emphasis in, data communications not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Data Communications announcements for details of topics being offered.  
Courses: IT21  
Prerequisites: To be determined when the unit is offered  
Credit points: 12  Contact hours: 3 per week

■ ITB547 SPECIAL TOPIC 2  
Refer to ITB546.  
Courses: IT21  
Credit points: 12  Contact hours: 3 per week

■ ITB548 INTRODUCTION TO CRYPTOLOGY  
This unit provides students with a background in the fundamental concepts of cryptography, both in the areas of cryptography and cryptoanalysis. Topics include: classical, modern and public key ciphers; practical cryptography.  
Courses: IF23, IT20, IT21, IT35, IT40, MA34, SC30, SC60  Prerequisites: MAB177  
Credit points: 12  Contact hours: 3 per week

■ ITB549 ERROR CONTROL & DATA COMPRESSION  
Data compression techniques; introduction to block codes; convolutional codes; cyclic codes and Reed-Solomon codes; coding techniques and applications.  
Courses: IF23, IT20, IT21, IT35/IT40, MA34, SC30, SC60  Prerequisites: MAB177 or MAB621  
Credit points: 12  Contact hours: 3 per week

■ ITB550 NETWORK ANALYSIS  
Queueing systems; flow control algorithms and performance; adaptive shortest path routing strategies; optimal and other advanced routing strategies; network performance analysis; throughput and delay analysis of network access algorithms; network reliability analysis.  
Courses: IT21  Prerequisites: ITB538  
Credit points: 12  Contact hours: 3 per week  
Incompatible with: ITB530

■ 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: ITB535 and ITB538  
Credit points: 12  Contact hours: 3 per week

■ ITB5820 INTRODUCTION TO COMPUTING  
The application of computer technologies. The principles of design, development and implementation of microcomputer applications. Effective use of spreadsheets and simple database applications.  
Courses: CN41, CN43  
Credit points: 6  Contact hours: 2 per week

■ ITB5821 COMPUTER APPLICATIONS  
The role of computer and information systems in the context of the building and construction industries. It includes an overview of the terminology and concepts of computing, communications, information systems technologies and an introduction to computer applications packages such as microcomputer spreadsheets software.  
Courses: CN31, CN32, CN33  
Credit points: 4  Contact hours: 2 per week

■ ITB5823 WEB SITES FOR ELECTRONIC COMMERCE  
Systems analysis and design for small systems; the use of databases to store, alter and retrieve information. Creation of Internet based web pages using commonly available authoring tools.  
Prerequisites: BSB112  
Credit points: 12  Contact hours: 3 per week

■ ITB5840 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  
Credit points: 12  Contact hours: 4 per week

■ ITB5841 INTRODUCTION TO COMPUTING  
Introduction to technical computer programming: teaching programming techniques for the writing of correct and efficient programs for limited but typical engineering problems; using programming techniques to write, modify and enhance program applications on selected computer systems using the PASCAL programming language.  
Courses: CE42, EE43, EE44, IF56, ME45, ME46  
Corequisites: CEB184  
Credit points: 8  Contact hours: 3 per week

■ ITB5842 INTRODUCTION TO C PROGRAMMING  
Introduction to programming and to ANSI C as a tool for solving problems, particularly engineering and scientific problems. Topics include functions, arrays, pointers and numeric processing. The modular and structured programming abstraction, debugging and reasoning about programs. Programs will be developed and run on UNIX. A basic introduction to using UNIX is given.  
Courses: ME45, ME46  
Credit points: 8  Contact hours: 3 per week

■ ITB5843 COMPUTING APPLICATIONS  
An introduction to computer programming which covers sim-
ple applications in either MATLAB or Visual BASIC. Topics include: computer utilisation; computer organisation; hardware; software; data organisation; information storage retrieval; computer systems; programming; problem-solving; analysis of numerical and non-numerical problems; the use of Email, Web browsers, Microsoft Word, Excel and Access.

Courses: CH23, SC30

Credit points: 12
Contact hours: 3 per week

■ ITB844 PROJECT

Students in IF25, 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: IF25

Prerequisites: Completion of at least 400 credit points in IF25

Credit points: 24
Contact hours: 4 per week

■ ITB846 INTRODUCTION TO INFORMATION TECHNOLOGY

This unit provides an overview of major aspects of information technology, especially in areas which may be of importance to engineering students. Topics include basic computer systems, programming and applications. Computer systems subtopics include user interfaces, files, system organisation, and networks. Programming is at a very elementary level using Qbasic, with discussion of implications for large systems developments. Applications cover spreadsheets and word processing in some detail, with a survey of a variety of other tools.

Courses: CE42, CE43, EE43, EE44, EE45, ME45, ME47

Credit points: 8
Contact hours: 3 per week

■ ITB850 NETWORK & SECURITY TECHNOLOGIES FOR ELECTRONIC COMMERCE

An introduction to telecommunications and data communications networks with specific reference to the World Wide Web (WWW), Local Area Networks (LANs) (e.g. Ethernet), Wide Area Networks (WANs), and communications architecture (e.g. TCP/IP). An introduction to information security and communications network security issues in the context of electronic commerce.

Prerequisites: BSB112

Credit points: 12
Contact hours: 3 per week

■ 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

Credit points: 12
Contact hours: 3 per week

■ ITD107 PROGRAMMING LABORATORY

Reinforcement of the fundamental programming concepts already introduced in ITD410 through a series of practical exercises. Introduces students to another programming language. Develops practical programming skills in writing well structured and well documented software and in testing and debugging that software.

Courses: IT10

Credit points: 12
Prerequisites: ITD410
Contact hours: 4 per week

Incompatible with: ITB107

■ ITD225 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: IT10

Credit points: 12
Incompatible with: ITB225

Contact hours: 4 per week

■ ITD410 SOFTWARE DEVELOPMENT 1

This subject forms 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: IT10

Credit points: 12
Contact hours: 4 per week

Incompatible with: ITB410

■ ITD411 SOFTWARE DEVELOPMENT 2

Quality software development is increasingly reliant upon design using existing or custom-built re-usable library modules, with Abstract Data Types chosen to reflect the data and operations required by the application. This course provides the foundations of module specification and design, stressing the importance of separation of the applications 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 procedural programming language.

Courses: IT10

Prerequisites: ITD410
Credit points: 12
Contact hours: 4 per week

Incompatible with: ITB411

■ ITD412 TECHNOLOGY OF INFORMATION SYSTEMS

Topics include: 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, the user view of operating system, and the internal operating system and file management.

Courses: IT10

Credit points: 12
Contact hours: 4 per week

Incompatible with: ITB412

■ ITD510 COMMUNICATIONS NETWORKS

Introduction to the technical design and implementation of the Internet, World Wide Web (WWW), Local Area Networks (LANs) and Wide Area Networks (WANs); OSI and TCP/IP network architectures; switching techniques; routing and medium access protocols; transmission media, transmission and encoding schemes; network management and network security.

Courses: IT10

Credit points: 12
Contact hours: 4 per week

Incompatible with: ITB510 or ITN510

■ ITN100 RESEARCH METHODOLOGIES

Provides a basis for students to undertake a research project in the Honours and Masters programs. Examines the nature of information technology and the specific research approaches which are commonly applicable. Students will learn how to review literature relevant to their research and how to select the research method most appropriate to their project. Provides the foundation skills required in research: critical reviewing, analysis and writing.

Courses: IT30, IT35, IT40

Credit points: 12
Contact hours: 3 per week

■ ITN110 PROJECT (HONOURS)

Designed to enable a student to pursue in some depth a particular area of interest, either professional or personal, in information technology.

Courses: IT30

Prerequisites: ITN100
Credit points: 12

■ 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 and ITN110  
Credit points: 24

■ ITN124 DISSERTATION (CS)  
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 and ITN110  
Credit points: 24

■ ITN125 DISSERTATION (DC)  
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 and ITN110  
Credit points: 24

■ ITN132 DISSERTATION (IS)  
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 and ITN110  
Credit points: 24

■ ITN134 DISSERTATION (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 and ITN110  
Credit points: 24

■ ITN135 DISSERTATION (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 and ITN110  
Credit points: 24

■ ITN142 MAJOR PROJECT (IS)  
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  
Credit points: 48

■ ITN144 MAJOR PROJECT (CS)  
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  
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  
Credit points: 48

■ ITN152 MAJOR PROJECT (IS)  
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  
Credit points: 48

■ ITN154 MAJOR PROJECT (CS)  
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  
Credit points: 48

■ 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  
Credit points: 48

■ ITN160 RESEARCH PLAN  
Preparation of a comprehensive research proposal including: a complete review of the literature, review of research methodologies appropriate to the research proposal, identification of the research methodology to be adopted, specification of the research schedule, presentation and justification of the proposal via a seminar to other students and academic staff.  
Courses: IT60  
Credit points: 12

■ ITN162 PROJECT (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: IT35/IT40  
Prerequisites: 48 credit points in relevant postgraduate units  
Credit points: 24

■ ITN164 PROJECT (CS)  
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: IT35/IT40  
Prerequisites: 48 credit points in relevant postgraduate units  
Credit points: 24

■ ITN165 PROJECT (DC)  
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: IT35/IT40  
Prerequisites: 48 credit points in relevant postgraduate units  
Credit points: 24

■ ITN172 PROJECT (IS)  
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 postgraduate units  
Credit points: 24

■ ITN174 PROJECT (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: IT35/IT40  
Prerequisites: 48 credit points in relevant postgraduate units  
Credit points: 24
UNIT SYNOPSES

■ ITN175 PROJECT (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: IT35/IT40
Prerequisites: 48 credit points in relevant postgraduate units
Credit points: 12
■ ITN180 MAJOR PROJECT (IS)
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
Credit points: 48
■ ITN181 MAJOR PROJECT (IS)
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
Credit points: 48
■ ITN183 MAJOR PROJECT (CS)
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
Credit points: 48
■ ITN184 MAJOR PROJECT (CS)
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
Credit points: 48
■ 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
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
Credit points: 48
■ ITN210 FOUNDATIONS OF INFORMATION MODELLING
It is common to sharply distinguish between the specification and the implementation of organisational information systems. There are however many important ideas that are shared. This unit introduces notation from mathematics and logic that may be used to describe these ideas. An information system models some aspect of an organisation and contains both specific and general statements about it. The specific statements are stored in the database and the more general ones end up as program. This unit describes how such statements may be specified in the Z notation and implemented in SQL.
Courses: IT35/IT40, IT25
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB210
■ ITN211 SYSTEMS ANALYSIS & DESIGN
Systems development life cycle; system development methodologies; information gathering, process and data modelling, CASE tools; design techniques and guidelines; prototyping; quality assurance in information systems.
Courses: IT30, IT35/IT40
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB222 and ITB321
■ ITN220 MAJOR ISSUES IN INFORMATION SYSTEMS
Explores aspects of information technology of great potential significance to information systems professionals, such as the status of information system standards, the extent of integration of computer technology and data communications technology, as well as emerging social and ethical considerations with regard to information technology.
Courses: IF64, IT35/IT40
Credit points: 12
Contact hours: 3 per week
■ ITN221 OBJECT-ORIENTED SYSTEMS
The goal is to develop basic skills in methodologies and techniques of object-oriented analysis and design. With an applied emphasis on database systems.
Courses: IT30, IT35/IT40
Credit points: 12
Contact hours: 3 per week
■ ITN230 CURRENT ADVANCES IN DATABASE TECHNOLOGY
Current research activities and development in the area of the next generation database systems; a mixture of research papers and lecture notes on existing systems; practical and theoretical methodologies.
Courses: IT30, IT35/IT40
Credit points: 12
Contact hours: 3 per week
■ ITN231 KNOWLEDGE-BASED SYSTEMS
This unit assumes a background in conventional systems concepts, programming and database, and an exposure to fundamental expert systems concepts. Explores four major themes in knowledge-based systems: (a) conceptual: problem selection and structure, inference and knowledge representation; (b) technical: declarative and functional programming; (c) pragmatic: improving the yield from existing information base; and (d) methodological: questions associated with the definition, design and control of knowledge-based systems.
Courses: IT30, IT35/IT40
Credit points: 12
Contact hours: 3 per week
■ ITN238 ADVANCED INFORMATION RETRIEVAL
Students demonstrate their knowledge of various research issues in information retrieval by problem-solving and presentation of a seminar.
Courses: IT30, IT35/IT40
Credit points: 12
Contact hours: 3 per week
■ ITN241 ADVANCED TOPICS IN HUMAN-COMPUTER INTERACTION
The most significant issues and activities of human computer interaction software design; includes the perceptual basis of the presentation of visual information, the basic aspects of visual information processing and facets of representation of knowledge; the development of expert systems and how they change the nature of interaction between person and machine and review features of interactions with systems, e.g. keyboards through to advanced input modes. On completion, students should be able to apply principles from the current research in difference aspects of human computer interactions and be aware of future developments in this field.
Courses: IT30, IT35/IT40
Credit points: 12
Contact hours: 3 per week
**ITN244 SPECIAL TOPIC 1**

These units are designed to allow for the significant development of, or emphasis in, information systems not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.

**Courses:** IT30, IT35/IT40  
**Prerequisites:** See School announcements  
**Credit points:** 12  
**Contact hours:** 3 per week

**ITN245 SPECIAL TOPIC 2**

These units are designed to allow for the significant development of, or emphasis in, information systems not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.

**Courses:** IT30, IT35/IT40  
**Prerequisites:** See School announcements  
**Credit points:** 12  
**Contact hours:** 3 per week

**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 supervising staff member.

**Courses:** IT35/IT40  
**Prerequisites:** At least 48 credit points completed  
**Credit points:** 12  
**Contact hours:** 3 per week

**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 supervising staff member.

**Courses:** IT35/IT40  
**Prerequisites:** At least 48 credit points completed  
**Credit points:** 12  
**Contact hours:** 3 per week

**ITN250 DISTRIBUTED DATABASES**

Distributed DBMS architectures, data replication and fragmentation; query decomposition and optimisation; transaction management in distributed settings; distributed concurrency control; recovery and multi-databases.

**Courses:** IT30, IT35/IT40  
**Prerequisites:** ITB232  
**Credit points:** 12  
**Contact hours:** 3 per week

**ITN251 ISSUES IN INFORMATION TECHNOLOGY MANAGEMENT**

This unit presents the tactical and strategic management issues involved in managing an information technology unit. It focuses on those issues pertaining to the selection and adoption of an Enterprise Wide System such as SAP R/3. Students will gain exposure to the functionality of such systems and understand its underlying technical architecture. We examine the issues surrounding the selection, acquisition and implementation of such a system, rather than the technology itself. Focus is on such issues as outsourcing, business process reengineering, change management, alignment, and relationship management.

**Courses:** IT30, IT35/IT40  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** ITN283

**ITN252 PROCESS ENGINEERING**

The unit provides students with a firm foundation in the understanding of a wide range of critical issues affecting the management of business processes using ERP-software and workflow management systems. It describes the major strategic approaches, process-modelling techniques, procedure models and the current possibilities offered by SAP R/3 as an example for ERP-software that students are likely to encounter in identifying, reorganising and implementing processes in a typical business organisation.

**Courses:** IT30, IT35/IT40  
**Prerequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 3 per week

**ITN253 CASE STUDIES IN EWS IMPLEMENTATION**

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  
**Prerequisites:** Completion of ITN251 or one semester of relevant postgraduate studies with a GPA of 5  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** ITN282

**ITN254 PRINCIPLES OF HUMAN-COMPUTER INTERACTION**

Introduction to human-computer interaction; principles of human cognition; introduction to evaluating interface designs; input/output; user centred design; requirements and task analyses; structured HCI design methods; guidelines and standards for interface design; prototyping in user needs specification; testing and evaluating interface designs; basics of support printed manuals, on-line help; Hypertext and other information exploration tools; demonstration and discussion of prototypes; summary and review.

**Courses:** IT30, IT35/IT40  
**Prerequisites:** ITN211 or equivalent  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** ITB258

**ITN281 ABAP/4 PROGRAMMING**

AP’s 4GL Development language and environment ABAP/4 is the proprietary 4GL that is shipped with R/3. The ABAP/4 Development Workbench can be used for modifying or individually enhancing standard R/3 applications. However, its primary use is in developing individual solutions separate from SAP standard software with an integrated, professional tool kit. This unit provides an introduction to the use of the ABAP/4 Workbench and tool kit in developing client/server business applications. Note: This unit may require attendance at QUT for four Saturday sessions.

**Courses:** IT30, IT93  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** ITB258

**ITN282 CASE STUDIES IN ENTERPRISE WIDE SYSTEMS**

This unit seeks to develop consultancy skills in SAP implementation through applying recognised research methods to a SAP implementation issue. The research objective or consultancy project is to be completed in ITN282 Research Project in Enterprise Wide Systems. Topics covered in this unit depend on the interest of the student, but will most likely come from: System Selection Processes, Process Engineering, Outsourcing, Implementation Issues (such as Business Process Reengineering, Benefits Realisation and Change Management), Alignment Issues, Relationship Management.

**Courses:** IT30, IT93  
**Corequisites:** ITN283  
**Credit points:** 12  
**Incompatible with:** ITN253

**ITN283 ISSUES IN INFORMATION TECHNOLOGY MANAGEMENT**

This unit presents the tactical and strategic management issues involved in managing an information technology unit. It focuses on those issues pertaining to the selection and adoption of an Enterprise Wide System such as SAP R/3. Students will gain exposure to the functionality of such systems and understand its underlying technical architecture. We examine the issues surrounding the selection, acquisition and implementation of such a system, rather than the technology itself. Focus is on such issues as outsourcing, business process reengineering, change management, alignment, and relationship management.

**Note:** It is recommended that this unit should be one of the first units completed in the EWS Module.

**Courses:** IT30, IT93  
**Credit points:** 12  
**Incompatible with:** ITN253

**ITN284 PROJECT IN ENTERPRISE WIDE SYSTEMS IMPLEMENTATION**

This unit is the capstone subject in the EWS Module. Here
the student will be able to apply theory into current problems encountered at work. We believe that the student in this module is seeking to further their technical, managerial or consultancy skills and is seeking to apply these to advanced problems at work. Thus each student should have some project in mind. This unit is the implementation of the research project designed while studying ITN282.

**Courses:** IT50, IT93

**Prerequisites:** ITN282 and ITN283 with at least a grade of 5 in both units

**Credit points:** 12

### ITN285 KNOWLEDGE MANAGEMENT AND ENTERPRISE WIDE SYSTEMS
This unit presents the managerial and technical issues pertaining to the capture, storage and use of organisational knowledge in an Enterprise Wide System. It focuses on the issues relating to the development and use of data warehouse for storing and consolidating data from an organisation’s traditional legacy and transaction processing systems’ databases. It also focuses on the issues related to the employment of the data capture in the data warehouse and traditional databases in supporting management functions such as decision making and planning.

**Courses:** IT50, IT93

**Credit points:** 12

### ITN340 INFORMATION AGENCIES
Students will develop an understanding of the information and information technology consulting industry in Queensland, Australia and the world. Students will be introduced to the case study research methodology; a method implicitly employed by many consultants. Students will also be introduced to Action Research, a type of case study where the researcher has a vested interest in outcomes of the situation being studied. Students develop a detailed case study design for the study of an information or IT consulting company in Queensland and will be introduced to Process Engineer, a methodology generator.

**Courses:** IF64, IT30, IT35/IT40

**Credit points:** 12

**Contact hours:** 3 per week

### ITN341 INFORMATION POLICY & PLANNING
The relationship between the public and private sectors in information provision, and an examination of the information industry and corporate and government policies relating to it.

**Courses:** IF64, IT25, IT30, IT35/IT40

**Credit points:** 12

**Contact hours:** 3 per week

### ITN343 PRINCIPLES OF INFORMATION MANAGEMENT
The information resource; information as an organisational resource; evolution of information resources management; information management with reference to management principles; management information systems; applications of environmental scanning; information technology management; information flows and information mapping; information resource evaluation; information management and business strategy; information added value; information and competitive advantage; social intelligence.

**Courses:** IT35/IT40, IT25

**Credit points:** 12

**Contact hours:** 3 per week

### ITN347 INFORMATION MANAGEMENT PROJECT 1
Students may pursue a specialised area or broaden their knowledge in areas of relevance to their employment. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT35/IT40

**Prerequisites:** Dependent on individual topic

**Credit points:** 12

### ITN348 INFORMATION MANAGEMENT PROJECT 2
Students may pursue a specialised area or broaden their knowledge in areas of relevance to their employment. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT35/IT40

**Prerequisites:** Dependent on individual topic

**Credit points:** 12

### ITN350 INFORMATION CONTEXTS
Survey research methods; proposal writing; ethics in the provision of information services 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

**Prerequisites:** ITP329 and MGN409

**Credit points:** 12

**Contact hours:** 3 per week

### ITN355 INFORMATION RESOURCES FOR BUSINESS & INDUSTRY
Commercial information services: historical perspective on the types of services offered in academic, state, public and special libraries; consideration of the ongoing debate about the opposing philosophies of freedom of access to information vs a fee-based information service; information requirements of the business and industrial community and implications for library services; investigation of what types of services are required and can be targeted to help further develop existing library resources (can our commercial information service run at a profit?); issues involved in selling information, including legal liabilities and ethical concerns; how to establish a fee-based service, including staff selection; soft skills, client relationships, confidentiality, management and location of the service; implications for the future; costs and the relationship of costs to the rapid expansion of the Internet.

**Courses:** IT35/IT40

**Credit points:** 12

**Contact hours:** 3 per week

### ITN357 SPECIAL TOPIC – INFORMATION STUDIES
Topic developed on an individual basis.

**Courses:** IT35/IT40

**Prerequisites:** Dependent on individual topic

**Credit points:** 12

### ITN410 SOFTWARE PRINCIPLES
Re-use, reliability, maintainability and efficiency are important qualities of software. Concepts and techniques are introduced to support the emergence of these qualities. Programming fundamentals and structured programming techniques will be reviewed before covering advanced programming techniques such as recursion, dynamic data structures and the Abstract Data Type (ADT) concept applied to stacks, queues and tables with various implementations.

**Courses:** IT35/IT40

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** ITB422

### ITN411 SYSTEMS ARCHITECTURE & OPERATING SYSTEMS
A comprehensive introduction to the internal working of computer systems. Main components of a computer system: processor, memory and I/O devices; machine instruction sets; assembler programming; interrupt driven input output; mass storage and file systems; services provided by an operating system; processes; multitasking: review of contemporary operating systems.

**Courses:** IT35/IT40

**Corequisites:** ITN410

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** ITB412

### ITN420 COMPARATIVE PROGRAMMING LANGUAGES
Language is the fundamental conceptual tool and means of expression within information technology therefore its principles must be understood and similarities and differences between different languages appreciated. This unit provides an understanding of languages currently used and, importantly, possible directions of development. Language is also the...
major technical support for software engineering principles, and can be seen as a large part of the solution to software engineering problems.

Courses: IT30, IT35/IT40
Prerequisites: Knowledge of ADTs, familiarity with some contemporary programming languages.
Credit points: 12
Contact hours: 3 per week

■ ITN421 SOFTWARE SPECIFICATION
The use of formal methods is viewed as an integral part of the software engineering process. The unit includes formal specifications and uses refinement methods to derive code. Various formal languages are used.
Courses: IT30, IT35/IT40
Credit points: 12
Contact hours: 3 per week

■ ITN430 ADVANCED OPERATING SYSTEMS
This unit has two themes: the nature, design and implementation of real-time systems on the one hand, and the nature of object-oriented programming environments and operating systems on the other. The second theme is supported by the coverage of a number of relevant industry standards. Students are expected to be familiar with systems programming and object-oriented concepts.
Courses: IT30, IT35/IT40
Prerequisites: ITN410 and ITN411 (IT40 only) or equivalent
Credit points: 12
Contact hours: 3 per week

■ ITN431 DISTRIBUTED SYSTEMS
The rationale for distributed computer systems, their domain of application and the principles underlying the construction of distributed systems software. A number of representative systems are examined.
Courses: IT30, IT35/IT40
Prerequisites: ITB426
Credit points: 12
Contact hours: 3 per week

■ ITN441 ARTIFICIAL INTELLIGENCE
The unit studies some advanced topics in modern artificial intelligence. The fundamentals of fuzzy logic, including fuzzy notions of set membership, union, intersection, and subsethood; relation of fuzzy logic to probability, and linguistic variables are explained. Fuzzy inference systems and controllers are studied with hands-on practical use of fuzzy simulation software. The second half of the unit covers "perception" examining the manner in which programs form 3-dimensional representations of objects are depicted in 2-dimensions. Speech understanding and word recognition are also introduced.
Courses: IT30, IT35/IT40
Prerequisites: ITB442
Credit points: 12
Contact hours: 3 per week

■ ITN443 NEUROCOMPUTING
An introduction to the principles upon which current artificial neural network computing is based, giving examples of current applications, and exploring the potential future development of the technology.
Courses: IT30, IT35/IT40
Credit points: 12
Contact hours: 3 per week

■ ITN445 PATTERN RECOGNITION
Introduction to proven traditional and promising new algorithms for recognising and operating on patterns in data. Nature of patterns and their computer representation; feature extraction; one-dimensional patterns; syntactic pattern recognition; string, tree, web, flex and shape, glamer, parsing; basic image processing algorithms; classification of high dimensional data; neural network algorithms for pattern recognition.
Courses: IT30, IT35/IT40
Prerequisites: ITB442 and ITB461 or equivalent
Credit points: 12
Contact hours: 3 per week

■ 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 agreement between the student and a supervising staff member.
Courses: IT35/IT40
Prerequisites: At least 60 credit points completed in postgraduate units.
Credit points: 12
Contact hours: 3 per week

■ ITN447 SPECIAL STUDIES
Aspects of current scientific research interest allowing for significant developments in computing science not provided for elsewhere in the course program. See noticeboard for further information.
Courses: IT30, IT35/IT40
Prerequisites: Topic dependent
Credit points: 12
Contact hours: 3 per week

■ 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: At least 72 credit points completed in postgraduate units.
Credit points: 12
Contact hours: 3 per week

■ ITN450 COMPILER LABORATORY
Students review the notes on advanced code generation as a reading course. They also perform a project of their own choosing, but within the area of the current projects of the research centre.
Courses: IT60, IT35/IT40
Credit points: 12
Contact hours: 3 per week

■ ITN451 RESEARCH LITERATURE STUDIES
Critical review & evaluation of recent research papers from broad areas relevant to machine learning; presentation of seminars on nominated papers by students; participation in discussion of papers.
Courses: IT30, IT35/IT40
Credit points: 12
Contact hours: 3 per week

■ ITN480 COMPONENT TECHNOLOGY
Relevant industrial technologies include COM/ActiveX, Java/JavaBeans and CORBA. This unit combines an in-depth coverage of these approaches with a thorough introduction to their relation to the theoretical concepts of component-oriented software development.
Courses: IT50, IT91
Prerequisites: ITN481
Credit points: 12
Incompatible with: ITB466

■ ITN481 OBJECT TECHNOLOGY
The unit provides an introduction to Object Technology and C++. The unit first examines how using object-oriented techniques can lead to more robust solutions than traditional design approaches. C++ is introduced as a concrete example of an object oriented language, and used to describe a number of fundamental ideas such as class, inheritance and polymorphism. UML is introduced as a concrete example of an object oriented analysis and design methodology, and used to demonstrate how object oriented solutions are properly created. Finally, a number of more advanced aspects of C++ are considered.
Courses: IT50, IT91
Credit points: 12
Incompatible with: ITB448

■ ITN482 EXTENSIBLE PROGRAMMING & JAVA
The unit provides an introduction to the Java language, its standard libraries, the theoretical models underpinning the design decisions of language and libraries and the creation of Java applications and applets. Broader issues of runtime extensibility and the relationship to distributed connectivity are considered. The content comprises three modules: Object-Oriented Programming in Java; Advanced Language Features; and Distributed Connectivity
Courses: IT50, IT91
Prerequisites: ITN481
Credit points: 12
Incompatible with: ITB458

■ ITN483 SOFTWARE ENGINEERING & QUALITY ASSURANCE
The unit introduces students to the discipline and principles
of software engineering and quality assurance. Emphasis will
be placed on the benefits provided by a controlled software engineering process. Issues related to software quality manage-
ment and accreditation will be considered with particular emphasis given to the ISO 9000 family of standards.

Courses: IT50, IT91
Credit points: 12

**ITN484 DISTRIBUTED SYSTEMS**

This unit is intended to provide a thorough understanding of the rationale for distributed computer systems, their domain of application and the principles of distributed control under-
lying their construction. A number of representative systems will be examined throughout the subject with particular work being carried out using the Common Object Request Broker Architecture (CORBA) to reinforce theoretical concepts in a practical setting.

Courses: IT50, IT91
Credit points: 12

**ITN510 DATA NETWORKS**

Basic data communications and topics of fundamental impor-
tance concerning the technology and architecture of data net-
works at a postgraduate level. It emphasises communications software and hardware, telecommunication services, local area networks, wide area networks, interconnectivity and network management.

Courses: IT35/IT40
Credit points: 12
Contact hours: 3 per week

**ITN520 INTERNEThYKNING**

Operating of the TCP/IP protocol suite; routing of IP packets; operation of TCP; major auxiliary protocols; HTML document; CGI programs; PERL, programming language.

Courses: IT35/IT40
Credit points: 12
Prerequisites: ITN510 and ITN410
Contact hours: 3 per week

**ITN521 NETWORK APPLICATIONS**

High level network application design; network application standards; distributed computing environments; collaborative computing; electronic publishing; design and implementation of WWW software.

Courses: IT35/IT40
Corequisites: ITN520
Credit points: 12
Contact hours: 3 per week

**ITN526 MINOR PROJECT 1 (DC)**

Students may pursue a specialised area of data communica-
tion. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT35/IT40
Prerequisites: At least 60 credit points completed
Credit points: 12
Contact hours: 3 per week

**ITN528 MINOR PROJECT 2 (DC)**

Students may pursue a specialised area of data communica-
tion. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT35/IT40
Prerequisites: At least 60 credit points completed
Credit points: 12
Contact hours: 3 per week

**ITN530 CORPORATE TELECOMMUNICATIONS**

The issues of design, control, security and management of enterprise-wide networks. The corporate network encompasses integrating a company’s telecommunications systems, includ-
ing local area networks, metropolitan area networks, wide area networks (national and international), voice networks, and other special services.

Courses: IT30, IT35/IT40
Prerequisites: ITN521
Credit points: 12

**ITN531 NETWORK SECURITY**

Ensures that students recognise the requirement to design, implement and manage facilities in a manner consistent with an overall organisational security policy. Development of a security plan; risk analysis; access control; cryptography; network security and encryption; key management; database security; secure operating systems and access control. On completion, students should be able to incorporate security and management controls into information systems in accordance with a formal risk analysis and assessment for the sys-

Courses: IT30, IT35/IT40
Prerequisites: ITB543 or ITB548 and ITN520 or ITB537
Credit points: 12
Contact hours: 3 per week

**ITN535 ACCESS CONTROL**

Examines access control in terms of managing users’ access to systems and files; study of smart cards and the use of smart cards in access control systems; investigates the issues of trusted systems and the common criteria used for evaluating systems; studies the role of access control in networks, biometric systems and the legalities of access control.

Courses: IT30, IT35/IT40
Prerequisites: ITN410 or ITB422 and ITN520 or ITB537
Credit points: 12
Contact hours: 3 per week

**ITN536 TOPICS IN SECURITY**

Puts the role of security services and mechanisms into per-
spective; 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, secure telephones, electronic commerce, security of medical information, secure mobile communications, sat-
ellite TV; each student will conduct their own case study of a particular application.

Courses: IT30, IT35/IT40
Prerequisites: ITN510 or ITB510 Corequisites: ITB548 or ITB543
Credit points: 12
Contact hours: 3 per week

**ITN540 ADVANCED NETWORK TECHNOLOGIES**

Details the latest network technologies for moving information across the room or across the world. Investigates the net-
work protocol used in the transport of information using this new hardware.

Courses: IT30, IT35/IT40
Prerequisites: ITN520
Credit points: 12
Contact hours: 3 per week

**ITN554 SPECIAL TOPIC**

An advanced topic in data networks is studied in detail. The topic concerned will depend on the interests of the Faculty member or visitor responsible for the unit during any semes-
ter in which the unit is offered.

Courses: IT30, IT35/IT40
Prerequisites: Approval of Head of School of Data Communications
Credit points: 12
Contact hours: 3 per week

**ITN555 SPECIAL TOPIC**

Refer to ITN554

Courses: IT30, IT35/IT40
Credit points: 12

**ITN556 ADVANCED TOPICS IN CRYPTOLOGY**

Design and cryptanalysis of ciphers; indepth study of meth-
ods for forming secure ciphers and attacking various ciphers; secret sharing schemes; crypto-protocols, including zero knowledge systems; current topics in cryptography.

Courses: IT30, IT35/IT40
Prerequisites: ITB548
Credit points: 12
Contact hours: 3 per week

**ITN581 CRYPTOGRAPHIC FUNDAMENTALS AND APPLICATIONS**

This unit will cover the key areas of cryptography. Cryptography is the basis of almost all security systems. Knowledge of cryptography is essential to fully understand the problems and solutions related to security systems. Students will learn about the design and cryptanalysis of classical ciphers; math-
ematics related to cryptography and about modern symmetric
and asymmetric ciphers. Students will be able to use and apply cryptography and to perform research and offer advice in the area of cryptography.

Courses: IT50, IT92
Credit points: 12

■ ITN582 INFORMATION SECURITY MANAGEMENT

Students will learn about the organisational requirement for information security and about management attitudes to information security. The development, role and application of information security management standards will also be covered. Other areas include the role and application of risk management and business continuity planning for information processing.

Courses: IT50, IT92
Credit points: 12

■ ITN583 NETWORK, INTERNETWORK & DISTRIBUTED SYSTEMS SECURITY

This unit covers the legal, social and business imperatives for network security and the fundamentals of network security services and mechanisms. Underlying technologies, including cryptographic sub-systems, for network security mechanisms, and trusted systems technologies in a distributed environment will also be studied. Students will also be able to relate network security requirements to particular distributed information systems environments. Students will also identify key aspects of security requirements and solutions in the areas of electronic commerce systems and the global information infrastructure, and identify pertinent business and legal obligations relevant to the activities of the information technology professional.

Courses: IT50, IT92
Credit points: 12

■ ITN584 ACCESS CONTROL AND SMART CARDS

In this unit, students learn about the principles and specifics of access control systems. Also covered in this unit is the important area of smart cards and smart card systems. Students will learn about user identification and authentication issues and will examine models of various authentication systems. Various protocols used for authentication will also be studied.

Courses: IT50, IT92
Credit points: 12

■ ITP327 INFORMATION ORGANISATION 1

Description of recorded knowledge in its various forms, rules and standards for description and organisation in different environments; database creation, control and report formatting; comparison of bibliographic and nonbibliographic report formats; citation and citation software; content analysis and vocabulary control; indexing and indexing display formats; classification and introduction to general classification systems, and comparison with subject-specific systems.

Courses: IT25
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITP337

■ ITP328 INFORMATION SOURCES 1

Different media and the publishing process; primary, secondary and tertiary published information resources; critical success factors and environmental scanning; what environmental scanning is and how it works; characteristics of resources in the humanities, social sciences, sciences and technology; ‘lead in’ tools, general reference tools, abstracting and indexing services both hard copy and machine readable; conducting a client interview; selecting an on-line or hardcopy database, selecting a database provider, developing a search strategy, designing a search query; proliferation of Internet resources; identification and location of specialist publications.

Courses: IT25
Credit points: 12
Contact hours: 3 per week

■ ITP329 INFORMATION RESOURCES PROVISION

The concept of information and the information life cycle; intellectual property and intellectual freedom; assessing community information needs and wants; evaluation and maintenance of resource collections; co-operative collection development and resource sharing; the multifaceted role of conspectus; writing and testing a collection policy document; print, non-print and multimedia publishers/producers; legal and ethical issues in information resource provision; locating alternative information resource providers; selection aids and tools for acquiring information resource items; techniques for assessing community information needs.

Courses: IT25
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITP338

■ ITP330 PROFESSIONAL PRACTICE

Historical 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 other information professionals; field experience involving day-to-day employment in a library or other information agency.

Courses: IT25
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB339

■ ITZ210 FOUNDATIONS OF INFORMATION MODELLING

It is common to sharply distinguish between the specification and the implementation of organisational information systems. There are, however, many important ideas that are shared. Introduces notation from mathematics and logic that may be used to describe these ideas. An information system models some aspect of an organisation and contains both specific and general statements about it. The specific statements are stored in the database and the more general ones end up as program. This unit describes how much statements may be specified in the Z notation and implemented in SQL.

Courses: IT34 (Off-shore offering)
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB210 and ITN210

■ ITZ211 SYSTEMS ANALYSIS & DESIGN

For the creation of a useful and usable information system, it is essential that the feasibility of the system has been established, that the users requirements are known, and that a suitable user interface is specified. This unit developes basic systems development skills by teaching the methodology and techniques.

Courses: IT34 (Off-shore offering)
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB222, ITN211 and ITB321

■ ITZ343 PRINCIPLES OF INFORMATION MANAGEMENT

The information resource: information as an organisational resource; evolution of information resources management; information management with reference to management principles; management information systems; applications of environmental scanning; information technology management; information flows and information mapping; information resource evaluation; information management and business strategy; information added value; information and competitive advantage; social intelligence.

Courses: IT34 (Off-shore offering)
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITN343

■ ITZ410 SOFTWARE PRINCIPLES

Re-use, reliability, maintainability and efficiency are important qualities of software. Concepts and techniques are introduced to support the emergence of these qualities. Programming fundamentals and structured programming techniques will be reviewed before covering advanced programming techniques such as recursion, dynamic data structures and the Abstract Data Type (ADT) concept applied to stacks, queues and tables with various implementations.

Courses: IT34 (Off-shore offering)
Credit points: 12
Contact hours: 3 per week
Incompatible with: ITB422 and ITN410
■ ITZ411 SYSTEMS ARCHITECTURE & OPERATING SYSTEMS
A comprehensive introduction to the internal working of computer systems emphasising the complementarity of software and hardware. Main components of a computer system: processor, memory and I/O devices; machine instruction sets; assembler programming; interrupt driven input output; mass storage and file systems; services provided by an operating system; processes; multitasking; review of contemporary operating systems; multiprocessor systems and distributed systems. 
Courses: IT34 (Off-shore offering) Corequisites: ITZ410 
Credit points: 12 Contact hours: 3 per week Incompatible with: ITN411 and ITB412

■ ITZ510 DATA NETWORKS
Basic data communications and topics of fundamental importance concerning the technology and architecture of data networks at a postgraduate level. It emphasises communications software and hardware, telecommunication services, local area networks, wide area networks, interconnectivity and network management. 
Courses: IT34 (Off-shore offering) 
Credit points: 12 Contact hours: 3 per week Incompatible with: ITN510, ITB510, ITD510 and ITBS20

■ JSB011 SOCIAL ISSUES FOR JUSTICE PROFESSIONALS 1
Introduces students to the concepts of race, ethnicity, class, gender and age in order to provide a framework for understanding the way in which inequality is produced and reproduced. This unit will argue that such knowledge informs our interpretation and understanding of justice and injustice in Australian society. 
Courses: JS31, JS33, LW41 
Credit points: 12 Contact hours: 3 per week Incompatible with: JSB101

■ JSB012 COMMUNICATION FOR JUSTICE PROFESSIONALS
Personnel in human service agencies such as law enforcement and justice administration are highly dependent upon communication skills. In particular, good written communication is essential. It is also essential for academic success. This unit aims to lay the foundation for effective writing skills which will form the basis for academic success and professional competence. Students will be assisted to think, plan and write effectively and will be encouraged to assess and improve the technical aspects of their writing and to explore and practise a variety of writing styles. 
Courses: JS31, JS33, LW41 
Credit points: 12 Contact hours: 3 per week Incompatible with: JSB104

■ JSB013 LAW & GOVERNMENT 1
This unit introduces the concepts of law and government focusing on fundamental principles which form the basis of processes of government in Australia at both federal and state levels. The unit also critically examines the role of government in making and administering the law, and in the operation of particular areas of public law, such as freedom of information, privacy laws and anti-discrimination laws. The unit aims to provide students with a knowledge of legal and political issues crucial to their careers as justice professionals. 
Courses: JS31, JS33 
Credit points: 12 Contact hours: 3 per week Incompatible with: JSB103

■ JSB014 INTRODUCTION TO JUSTICE STUDIES
Justice Studies adopts a multidisciplinary approach to knowledge. Several disciplines such as sociology, psychology, criminology, philosophy and law form the basis of the Justice Studies program. This subject will focus on these different knowledges which various professions use to inform their research and practice. 
Courses: JS31, JS33, LW41 
Credit points: 12 Contact hours: 3 per week Incompatible with: JSB108

■ JSB015 SOCIAL ISSUES FOR JUSTICE PROFESSIONALS 2
Uses the knowledge and understanding of inequality and injustice gained in JSB011 to introduce students to the concepts of rights, equality, justice and citizenship. These concepts form the basis for a more detailed explanation of social justice and its relationship to criminal justice. 
Courses: JS31, JS33, LW41 Prerequisites: JSB011, JSB012 
Credit points: 12 Contact hours: 3 per week Incompatible with: JSB202

■ JSB016 INTERPERSONAL SKILLS FOR JUSTICE PROFESSIONALS
Skills development and their application in relation to the self and in interaction with others. Both functional and dysfunctional styles are examined. 
Courses: JS31, JS33, LW41 Prerequisites: JSB012 
Credit points: 12 Contact hours: 3 per week Incompatible with: JSB105

■ JSB017 LAW AND GOVERNMENT 2
This unit provides students with an understanding of the relationship between law and society. Legal dispute resolution processes are explored, and the judicial development of the law is examined along with theoretical notions of justice. The unit also focuses on the criminal justice system and the aims, objectives and practical procedures of its three main components – the investigative, adjudicative and corrections components. The unit extends the development of ideas and concepts introduced in Law and Government 1, again with the intention of providing a sound fundamental knowledge base for justice focused careers. 
Courses: JS31, JS33 Prerequisites: JSB012, JSB013 
Credit points: 12 Contact hours: 3 per week Incompatible with: JSB216

■ JSB018 CRIMINOLOGY 1
Traces the development of theories of criminal behaviour and criminal law from the Enlightenment to the present day. Examination will also be made of the impact criminological theory has upon institutional practices within the criminal justice system. 
Courses: JS31, JS33, LW41 Prerequisites: JSB012 
Credit points: 12 Contact hours: 3 per week Incompatible with: JSB107

■ JSB021 CRIMINOLOGY 2
Examination of the theories of punishment. Having defined punishment and the nature and limits of the criminal law, students assess the traditional justifications for punishment: retribution and just desserts, deterrence, rehabilitation and elimination and incapacitation. Justifications for severity of punishment, the control of judicial discretion and the political significance of punishment are examined. Options for reform are also canvassed. 
Courses: JS31, JS33, LW41 
Credit points: 12 Contact hours: 3 per week Incompatible with: JSB304

■ JSB022 PRINCIPLES OF CRIMINAL LAW 1
Presents to students fundamental principles of criminal law as well as the social and political forces that shape those laws. It focuses on crimes of violence including sexual assault, child abuse, elder abuse and domestic violence. It also looks at criminal defences, property offences and white collar crime. 
Courses: JS31, JS33, LW41 Prerequisites: JSB017 
Credit points: 12 Contact hours: 3 per week Incompatible with: JSB201

■ JSB023 HUMAN DYNAMICS & THE JUSTICE PROCESS 1
Personal and interpersonal processes are explored at the operational level in the context of policing, the courts, corrections and from a broader justice perspective. Topics will include cognitive interviewing, dependence/co-dependence, aspects of violence, grief/loss, suicide and eyewitness testimony.
Juvenile justice remains a central concern in Australian society. It must be acknowledged that the social and political forces that shape those laws in the areas of crimes of morality; drug, traffic and public order offences; war crimes and hate crimes; state corruption and whistleblowers; proceeds of crime and victims of crime. It also looks at the due process aspects of criminal procedure.

Courses: JS31, JS33, LW31
Credit points: 12
Contact hours: 3 per week
Incompatible with: JS203

JSB024 PRINCIPLES OF CRIMINAL LAW 2

This course will shift the focus away from conventional blue collar offenders by recognising that crime occurs in sites other than on the streets. Crime in the workplace may take a number of forms from conventional offences to crimes relating to the nature of the workplace itself. Offenders may be employees, employers, company directors or companies themselves. The question arises whether traditional criminal justice responses are appropriate.

Courses: JS31, JS33, LW31
Credit points: 12
Contact hours: 3 per week
Incompatible with: JS204

JSB031 INVESTIGATION AND EVIDENCE

Providing students with a working knowledge of what accountability entails as a professional within the justice arena. The area covered include a comprehensive overview of the personal, social and legal dimensions of accountability as well as a project work component on formulating your own position on accountable practices in a particular work context.

Courses: JS31, JS33, LW41
Credit points: 12
Contact hours: 3 per week

JSB032 ALTERNATIVE JUSTICE PROCESSES

This subject will explore responses to crime that are broader than the traditional criminal justice response. It will also explore the appropriateness or otherwise of blanket responses to crime and question whether responses need to be more tailor-made. Finally, it will consider the issue of how the interests of victims of crime may be adequately addressed.

Courses: JS31, JS33, LW31
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB109

JSB033 HUMAN DYNAMICS & THE CRIMINAL JUSTICE PROCESS 2

This course will shift the focus away from conventional blue collar offenders by recognising that crime occurs in sites other than on the streets. Crime in the workplace may take a number of forms from conventional offences to crimes relating to the nature of the workplace itself. Offenders may be employees, employers, company directors or companies themselves. The question arises whether traditional criminal justice responses are appropriate.

Courses: JS31, JS33, LW31
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB204

JSB034 JUSTICE & ACCOUNTABILITY

Acquaints students with the multifarious nature of policing and vice versa.

Courses: JS31, JS33, LW41
Credit points: 12
Contact hours: 3 per week

JSB041 JUVENILE JUSTICE

This unit aims to provide a comprehensive overview of the personal, social and legal dimensions of accountability as well as a project work component on formulating your own position on accountable practices in a particular work context.

Courses: JS31, JS33, LW31
Credit points: 12
Contact hours: 3 per week
Credit points: 12  Contact hours: 3 per week
Incompatible with: JSB211

- **JSB062 PROTECTIVE SECURITY THEORY & APPLICATION**
  Protective Security covers all facets of society. It is often viewed in a narrow context. This unit expands the concept of Protective Security and illustrates its relevance and professional application to society as a whole. The conventional functional areas of security are addressed as well as the recognition of new areas where confidentiality and integrity are important. This subject concentrates on the theories, principles and their practical applications to the three major areas of Personnel, Material and Infrastructure.
  Courses: JS31, JS33, LW41  Prerequisites: JSB061
  Credit points: 12  Contact hours: 3 per week
  Incompatible with: JSB213

- **JSB063 INTELLIGENCE RESEARCH ISSUES, PROCEDURES & PRACTICE**
  Integrates the work from JSB061 with research methodologies. An emphasis is placed on systematic enquiry, naturalistic research and qualitative approaches addressing goal selection, types of data, methods of collection methods in processing, and the production of a research proposal.
  Courses: JS31, JS33, LW41  Prerequisites: JSB061
  Credit points: 12  Contact hours: 3 per week
  Incompatible with: JSB313

- **JSB064 PROTECTIVE SECURITY ISSUES & PRACTICE**
  Personnel, material, physical and information security are the main areas with protective security. This unit covers the methods and techniques for the collection of information and its management and analysis. Students conduct formal audits and complete written reports on their findings. Planning and controlling the flow of information and analysis tools are studied.
  Courses: JS31, JS33, LW41  Prerequisites: JSB062
  Credit points: 12  Contact hours: 3 per week
  Incompatible with: JSB311

- **JSB065 INTELLIGENCE & NATIONAL SECURITY**
  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 is that intelligence and security are support functions that ensure the safety, security and quality of life within a nation. These concepts of 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 the 1990s, and on examination of the means available and obstacles to support threat management.
  Courses: JS31, JS33
  Credit points: 12
  Contact hours: 3 per week
  Incompatible with: JSB221

- **JSB066 MANAGEMENT OF PROTECTIVE SECURITY**
  The security function and its performance are considered under a series of topics: formulating a security policy and monitoring its performance; responsibility for security; employment of security staff; training security staff; security of records and reports; conducting surveys and report writing; security of buildings and sites; conference security; security and control of road transport; fire and accident prevention; aids to security; professional bodies; and law and practice.
  Courses: JS31, JS33
  Credit points: 12  Contact hours: 3 per week
  Incompatible with: JSB222

- **JSB067 INTELLIGENCE, ORGANISATIONS, PERSONNEL & OPERATIONS**
  Management of intelligence and security personnel and operations. It recognises the need for managers to be attuned to the context and environment in which they are operating. Examines organisational structures against proven principles. It acknowledges the importance of people, and examines the specific needs of personnel systems in the intelligence and security business. Finally, it looks at the processes to plan and conduct efficient operations. Ethical and legal consideration, and the requirement for strict accountability, are emphasised throughout.
  Courses: JS31, JS33
  Credit points: 12  Contact hours: 3 per week
  Incompatible with: JSB223

- **JSB068 PROTECTIVE SECURITY IN AUTOMATED SYSTEMS**
  Principles of protective security are applied to automated systems. Intelligence production is examined through existing data collection, collation and analysis programs (including computerised investigation aids). The unit addresses: the threat to automated systems (for example espionage, sabotage, coercion, fraud); available security products; studies of hardware and software security; access controls, networks, data transmission security, and maintenance controls; planning of secure sites; case histories and methods by which security can be breached; and future directions in law enforcement technology and computers.
  Courses: JS31, JS33
  Credit points: 12  Contact hours: 3 per week
  Incompatible with: JSB230

- **JSB071 CORRECTIONS AND THE COMMUNITY 1**
  The history of corrections and the evolution of correctional thought. The genesis and legacy of early correctional reform. Early approaches to Penology in Europe and America. The development of corrections in Australia. Observational visits to correctional sites of historical significance.
  Courses: JS31, JS33, LW41
  Credit points: 12  Contact hours: 3 per week
  Incompatible with: JSB217

- **JSB072 CORRECTIONS AND THE COMMUNITY 2**
  The contemporary correctional system. Modern correctional processes and procedures and their strengths and weaknesses. Forces influencing contemporary correctional administration, correctional policies and their delivery. Rehabilitative strategies. Relationship of corrections to the criminal justice system. Observational visits to operational areas in contemporary corrections and guest presentations by practitioners.
  Courses: JS31, JS33, LW41
  Credit points: 12  Contact hours: 3 per week
  Incompatible with: JSB218

- **JSB073 CORRECTIONS AND THE COMMUNITY 3**
  Special needs and interest groups in corrections. Aboriginals, intellectually handicapped, women, substance abusers, young offenders, violent offenders. Prisoner medical and safety issues. The inmate social system and the prisoner’s perspective. The role of interest groups such as victims of crime, prisoner advocacy groups, community treatment agencies, the courts, families of prisoners and the community at large. The parole system. Observational visits and guest presentations.
  Courses: JS31, JS33, LW41
  Credit points: 12  Contact hours: 3 per week
  Incompatible with: JSB317

- **JSB074 CORRECTIONS AND THE COMMUNITY 4**
  Courses: JS31, JS33, LW41
  Credit points: 12  Contact hours: 3 per week
  Incompatible with: JSB318
■ JSB081 LAW AND PUBLIC POLICY
Introduces students to the practice of public policy formulation, development and implementation with specific emphasis on the legislative and legal implications of policy work. The unit adopts a practical approach to developing real policy consultation, analysis and writing skills, whilst also addressing the more theoretical aspects of policy development processes.
Courses: JS31, JS33, LW41
Credit points: 12
Contact hours: 3 per week

■ JSB082 LEGAL RIGHTS AND RESPONSIBILITIES
Society demands certain responsibilities from persons classed as adults. Rights and duties fall to the adult person in some of the most important aspects of life. This unit examines in particular welfare, housing, relationships and employment. These responsibilities will encompass the majority of a person’s adult life. This unit links the analysis of the legal responsibilities involved in housing, relationships, welfare and employment to an understanding of the concept of adult citizenship.
Courses: ED50, JS31, JS33, LW41
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSS005

■ JSB083 ADMINISTRATIVE LAW & JUSTICE
Mechanisms of state accountability, their philosophy and practice are examined in order to provide a working knowledge of the administrative justice system and its social and political environment. Particular emphasis is placed on the capacity of administrative law to provide public accountability and participation in decision-making. Key areas covered include theories of the administrative state, merits review, judicial review, freedom of information, ombud’s office and the core principles of administrative law.
Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSB084 JUSTICE & HUMAN RIGHTS
The political and philosophical constructs known as rights are becoming increasingly important for the Australian justice professions. Australia’s international and domestic human rights obligations are presented and their relevance for the legal system analysed. The common law history of human rights will be explored along with the changing nature of such rights throughout this century. A number of case studies of human rights problems in our region will be discussed and compared with Australia’s record in this area.
Courses: ED50, JS31, JS33 LW41
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB314

■ JSB085 LAW AND LEGAL INSTITUTIONS
Provides students with knowledge of relevant legal institutions and procedures. It also assists students to develop an ability to analyse and critique the strengths and weaknesses inherent in our legal system. In so doing the unit traces the development of law in Australia from its early beginnings to the present, and law’s role in meeting the needs of a changing society. Much of this involves an explanation of constitutional democracy and of our federal political system. The respective roles of Parliament and the High Court are presented in detail. The recognition of native title law is explained within the context of both citizen and Anglo property law. Uses of the law are also examined in this unit, for example in relation to specific public interest purposes such as the guns control, the right to protest and in relation to discrimination. The unit includes a visit to Parliament and considerable discussion of the role of parliament and of politicians as representatives of the citizens.
Courses: ED50
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSS001

■ JSB086 LAW OF CIVIL OBLIGATIONS 1
The law as it affects the consumer, including development of the law of contract; law governing the formation of contracts; application of the principles of contract law; matters affecting the validity of contracts; remedies for breach of contract; role of equity in modernising common law rules of contract. Deals also with the area of trade practices law and the role that plays in consumer protection in Australia.
Courses: ED50, JS31, JS33
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSS002

■ JSB087 LAW OF CIVIL OBLIGATIONS 2
Examines the principles of the Law of Torts in Australia. Different types of torts and remedies are examined. This includes an application of the law to case studies and an examination of principles through specific decisions. Tortious remedies are also covered. Much attention is paid to the social context underpinning tort law. This includes explanations for why certain types of harm may give rise to this form of civil obligation while others do not. Consideration is also given to new areas of harm potentially covered by the law and to the extensive use of the law with respect to provision of information.
Courses: ED50, JS31, JS33
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSS003

■ JSB088 CRIMINAL LAW AND PROCEDURE
The Criminal Law in Queensland as it affects teachers in particular. It includes an application of the law to case studies and consideration of the criminal law in practice within a legal and social context. It looks at the balance between the rights of citizens and police powers, and the emergence of a victim-centred criminal justice system. As part of the case studies, attention is paid to the role of the criminal law in relationship to those who have care and control of children. Traditional subject areas like drugs, police powers, child abuse and assault are examined. New uses of the criminal law, such as stalking, are also explained.
Courses: ED50
Prerequisites: JSB085
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSS004

■ JSB091 RESEARCH DESIGN AND METHODOLOGY
Students undertaking research projects need to have a sound knowledge and understanding of basic methods of research design and research analysis. This subject is intended to be an introduction to research design and methodology for use in the fields of criminal justice, justice administration and criminology. Emphasis will be placed upon the collection and interpretation of data, through an understanding of the logic of social science research design and methodology.
Courses: JS31, JS33, LW41
Credit points: 12
Contact hours: 3 per week

■ JSB092 APPLIED JUSTICE RESEARCH
This project study unit allows students undertaking the Law Enforcement professional minor to study a topic of personal academic interest which is not otherwise available as a formal subject in the area of policing. This unit differs from other units within the professional minor in that there are a minimum of scheduled lectures and the initiative to choose the topic and to organise the project must come from the students. Students choose a research topic related to contemporary law enforcement issues or activities.
Courses: JS31, JS33, LW41
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB312

■ 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.
Contact hours: 2 per week
■ **JSB402 PROFESSIONAL STUDIES 1**  
Designed to enable students either to extend studies within an area of professional expertise or to extend their knowledge, skills and expertise in another area of professional study. Students may choose from one of the four professional areas on offer: Law Enforcement; Intelligence and Security; Corrections and the Community; or Legal and Justice Policy.  
**Courses:** JSB402  
**Credit points:** 12  
**Contact hours:** 2 per week

■ **JSB403 PROFESSIONAL STUDIES 2**  
Designed to enable students to extend studies commenced in the unit JSB402. This will allow for the completion of a secondary major or extended study in one of the four professional areas on offer: Law Enforcement; Intelligence and Security; Corrections and the Community; or Legal and Justice Policy.  
**Courses:** JSB403  
**Credit points:** 12  
**Contact hours:** 2 per week

■ **JSB404 THESIS 1**  
This initial unit will offer students the opportunity to prepare the groundwork for the 15 000 word thesis, which is a major part of the Honours program. The thesis must reflect the students' ability to conceptualise, theorise and implement an appropriate research project.  
**Courses:** JSB404  
**Credit points:** 12  
**Prerequisites:** JSB402  
**Contact hours:** 2 per week

■ **JSB405 JUSTICE ORGANISATIONS**  
Explores organisational issues which impact on the separate organisations such as the police, corrective services, the courts, and so on, which comprise the justice system. Specific topics will be approached from the perspective of the individual, the groups to which the individual belongs, and the organisation which is made up of these groups. Among the topics studied will be individual behaviour, attitudes and values; group dynamics, communication and leadership; and organisational structure, culture and change.  
**Courses:** JSB405  
**Credit points:** 12  
**Contact hours:** 2 per week

■ **JSB406 THESIS 2**  
Students are required to submit a research thesis of approximately 15 000 words. It is expected that the thesis will be based upon an empirical study of a particular field related to the justice professions.  
**Courses:** JSB406  
**Credit points:** 36  
**Prerequisites:** JSB404  
**Contact hours:** 2 per week

■ **JSB407 THESIS 3**  
Part-time students are required to submit a research thesis of approximately 15 000 words. It is expected that the thesis will be based upon an empirical study of a particular field related to the justice professions.  
**Courses:** JSB407  
**Credit points:** 12  
**Prerequisites:** JSB404  
**Contact hours:** 2 per week

■ **JSB408 THESIS 4**  
Part-time students are required to submit a research thesis of approximately 15 000 words. It is expected that the thesis will be based upon an empirical study of a particular field related to the justice professions.  
**Courses:** JSB408  
**Credit points:** 24  
**Prerequisites:** JSB404  
**Contact hours:** 2 per week

■ **JSB444 FORENSIC EVIDENCE AND INVESTIGATION FOR FORENSIC SCIENTISTS**  
Professionals involved in the field of forensic science will be required not only to exercise investigative skills, but also to be able to present evidence in court as expert witnesses. In order to do so forensic scientists must be competent with the investigation process, certain as to the admissibility of evidence in court and possess an understanding of legal processes. This unit will provide students with knowledge of law enforcement, justice administration, the investigative process, rules of evidence and information about the role of the expert witness.  
**Courses:** SC01  
**Credit points:** 12  
**Contact hours:** 3 per week

■ **JSN001 THEORIES OF JUSTICE 1**  
Centrally concerned with and/or clarifying the assumptions which underpin arguments about what is just or unjust within various spheres of contemporary Australian society. The unit provides a framework for evaluating the relative usefulness of various theories of justice in terms of their theoretical implications and practical applications. The unit focuses on the interface between justice postmodernism and the law.  
**Courses:** JSN001  
**Credit points:** 12  
**Contact hours:** 2 per week

■ **JSN002 THEORETICAL CRIMINOLOGY**  
Traces the development of theories of crime from the Enlightenment to the present day. Free will, biological, psychological and psychiatric theories are all canvassed. Special attention is paid to current theoretical debate and developments.  
**Courses:** JSN002  
**Credit points:** 12  
**Contact hours:** 2 per week

■ **JSN003 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.  
**Contact hours:** 2 per week

■ **JSN004 ISSUES IN CRIMINAL JUSTICE**  
Examines the issue of domestic violence from an interdisciplinary perspective with an emphasis on the criminal justice system response. It includes topics such as the nature and extent of domestic violence and the effect on its victims. The changing criminal justice response; coordinated community responses; policing approaches and protections orders.  
**Courses:** JSN004  
**Credit points:** 12  
**Contact hours:** 2 per week

■ **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 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:** JSN005  
**Credit points:** 12  
**Prerequisites:** JSN001  
**Contact hours:** 2 per week

■ **JSN006 INDEPENDENT STUDY 1**  
Designed to enable students to pursue particular aspects of their coursework or of professional interest in more depth. It is an opportunity for students to refine and develop research skills. Students are required to complete a piece of research under the guidance of an academic supervisor.  
**Courses:** JSN006  
**Credit points:** 12  
**Prerequisites:** JSN006  
**Contact hours:** 2 per week

■ **JSN007 INDEPENDENT STUDY 2**  
A continuation of the unit JSN006 Independent Study 1 and offers students the opportunity to extend further aspects of their coursework or of professional interest in more depth, as well as to continue the process of refining and developing research skills.  
**Courses:** JSN007  
**Prerequisites:** JSN006  
**Credit points:** 12  
**Contact hours:** 2 per week
JSN012 THE LAW, MORALITY & THE MEDIA
Intelligence and security activities provide an advantage to public and private sector organisations in pursuance of their missions and goals. The ultimate goal for these support activities can fall within combinations of ethical, unethical, legal and illegal practice. Intelligence and security activities are studies in relation to public and private morality, 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.

Courses: JS51
Credit points: 12
Contact hours: 2 per week

JSP001 LAW AND GOVERNMENT 1
This unit introduces the concepts of law and government focusing on fundamental principles which form the basis of processes of government in Australia at both federal and state levels. The unit also critically examines the role of government in making and administering the law, and in the operation of particular areas of public law, such as freedom of information, privacy laws and anti-discrimination laws. The unit aims to provide students with a knowledge of legal and political issues crucial to their careers as justice professionals.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

JSP002 PRINCIPLES OF CRIMINAL LAW 1
Presents to students fundamental principles of criminal law as well as the social and political forces that shape those laws. It focuses on crimes of violence including sexual assault, child abuse, elder abuse and domestic violence. It also looks at criminal defences, property offences and white collar crime.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

JSP003 LAW AND GOVERNMENT 2
This unit provides students with an understanding of the relationship between law and society. Legal dispute resolution processes are explored, and the judicial development of the law is examined along with theoretical notions of justice. The unit also focuses on the criminal justice system and the aims, objectives and practical procedures of its three main components — the investigative, adjudicative and corrections components. The unit extends the development of ideas and concepts introduced in Law and Government 1, again with the intention of providing a sound fundamental knowledge base for justice focused careers.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

JSP004 PRINCIPLES OF CRIMINAL LAW 2
Presents to students fundamental principles of criminal law as well as the social and political forces that shape those laws in the areas of crimes of morality; drug, traffic and public order offences; war crimes and hate crimes; state corruption and whistleblowers; proceeds of crime and victims of crime. It also looks at the due process aspects of criminal procedure.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

JSP041 JUVENILE JUSTICE
Juvenile justice remains a central concern in Australian society. For many years it has attracted substantial public and government attention, which, in turn, has prompted considerable changes to legislation, court procedures, policing matters and welfare intervention. Juvenile crime is central to politics: “getting tough” on young offenders is a staple of election campaigns. This course will examine the history and theory of juvenile justice; the empirical background to understanding juvenile justice; the institutions of juvenile justice including the police, courts, welfare and diversionary schemes.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

JSP042 CRIME AND THE WORKPLACE
This course will shift the focus away from conventional blue collar offenders by recognising that crime occurs in sites other than on the streets. Crime in the workplace may take a number of forms from conventional offences to crimes relating to the nature of the workplace itself. Offenders may be employees, employers, company directors or companies themselves. The question arises whether traditional criminal justice responses are appropriate.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

JSP044 RESPONDING TO CRIME
This subject will explore responses to crime that are broader than the traditional criminal justice response. It will also explore the appropriateness or otherwise of blanket responses to crime and question whether responses need to be more tailor-made. Finally, it will consider the issue of how the interests of victims of crime may be adequately addressed.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

JSP051 INTRODUCTION TO CRIMINAL LAW & EVIDENCE
The basic principles, rules and concepts of criminal law and evidence; the understanding and applications of such principles, concepts and rules as they relate to the operation of the criminal justice system.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

JSP052 POLICE PROCEDURE & PRACTICE
The role and function of policing, enforcement practices: the workings of the criminal justice system and the art of investigation in conjunction with the documentation required when presenting a criminal matter before the courts.

Courses: JS31, JS33, LW41
Prerequisites: JSP051
Credit points: 12
Contact hours: 3 per week

JSP053 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 the 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 gain an understanding of the historical development, social perceptions and consequences and the perceived extent of organised crime. Students also consider the strategies employed to combat organised crime including the extent of investigation and/or Commissions of Inquiry documented to date.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

JSP054 ISSUES IN POLICING
This unit endeavours to expose students to the multifarious nature of policing and the impact that societal developments have on policing and vice versa.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

JSP056 POLICING FOR THE 21ST CENTURY
The focus of this unit is on the analysis and application of ‘best practice’ approaches and principles in a global context for executive policing in the 21st Century.

Courses: JS25
Credit points: 12
Contact hours: Intensive

JSP057 STRATEGIC LEADERSHIP FOR EXECUTIVE POLICING
This unit examines ‘leadership’ and its strategic use as the single most important function for an executive officer in guiding a police organisation through its mission and vision to effective policies and performance.

Courses: JS25
Credit points: 12
Contact hours: Intensive
■ JSP058 ORGANISATIONAL PRACTICES FOR EXECUTIVE POLICING

The emphasis of this unit is on the effective formulation, implementation, and evaluation of operational procedures and policies within a police service.

Courses: JS25
Credit points: 12
Contact hours: Intensive

■ JSP059 COMMAND MANAGEMENT FOR THE POLICE EXECUTIVE

This unit deals specifically with an executive officer’s responsibility to exercise effective command over the management of major events and crime operations.

Courses: JS25
Credit points: 12
Contact hours: Intensive

■ JSP061 PROCESSION THEORY & APPLICATION

Studies take a generic approach to intelligence while examples are predominantly crime-related. This unit addresses: the principles of intelligence (the essentials of any intelligence system); the intelligence research process (cycle); the independent model of intelligence and security; thinking and creative problem solving; personal characteristics of the professional; interpersonal effectiveness skills and culture; and analytical style.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSP062 PROTECTIVE SECURITY – THEORY & APPLICATION

Protective Security covers all facets of society. It is often viewed in a narrow context. This unit expands the concept of Protective Security and illustrates its relevance and professional application to society as a whole. The conventional functional areas of security are addressed as well as the recognition of new areas where confidentiality and integrity are important. This subject concentrates on the theories, principles and their practical applications to the three major areas of Personnel, Material and Infrastructure.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSP063 INTELLIGENCE RESEARCH – ISSUES, PROCEDURES & PRACTICE

Integrates the work from JSP061 with research methodologies. An emphasis is placed on systematic enquiry, naturalistic research and qualitative approaches addressing goal selection, types of data, methods of collection, methods in processing, and the production of research proposal.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSP064 PROTECTIVE SECURITY ISSUES & PRACTICE

Personnel, material, physical and information security are the main areas with protective security. This unit covers the methods and techniques for the collection of information and its management and analysis. Students conduct formal audits and complete written reports on their findings. Planning and controlling the flow of information; anacapa, scan and other analysis tools are studied.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSP065 INTELLIGENCE & NATIONAL SECURITY

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 is that intelligence and security are support functions that ensure the safety, security and quality of life within a nation. These concepts of 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 the 1990s, and on examination of the means available and obstacles to support threat management.

Courses: JS25
Credit points: 12
Contact hours: 3 per week

■ JSP066 MANAGEMENT OF PROTECTIVE SECURITY

The security function and its performance are considered under a series of topics: formulating a security policy and monitoring its performance; responsibility for security; employment of security staff; training security staff; security of records and reports; conducting surveys and report writing; security of buildings and sites; conference security; security and control of road transport; fire and accident prevention; aids to security; professional bodies; and law and practice.

Courses: JS25
Credit points: 12
Contact hours: 3 per week

■ JSP067 INTELLIGENCE, ORGANISATIONS, PERSONNEL & OPERATIONS

Concerned with the management of intelligence and security 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 the intelligence and security business. Finally, it looks at the processes to plan and conduct efficient operations. Ethical and legal consideration, and the requirement for strict accountability, are emphasised throughout.

Courses: JS25
Credit points: 12
Contact hours: 3 per week

■ JSP071 CORRECTIONS AND THE COMMUNITY 1

The history of corrections and the evolution of correctional thought. The genesis and legacy of early correctional reform. Early approaches to Penology in Europe and America. The development of corrections in Australia. Observational visits to correctional sites of historical significance.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSP072 CORRECTIONS AND THE COMMUNITY 2

The contemporary correctional system. Modern correctional processes and procedures and their strengths and weaknesses. Forces influencing contemporary correctional administration, correctional policies and their delivery. Rehabilitative strategies. Relationship of corrections to the criminal justice system. Observational visits to operational areas in contemporary corrections and guest presentations by practitioners.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSP073 CORRECTIONS AND THE COMMUNITY 3

Special needs and interest groups in corrections. Aborigines, intellectual handicapped, women, substance abusers, young offenders, violent offenders. Prisoner medical and safety issues. The inmate social system and the prisoner’s perspective. The role of interest groups such as victims of crime, prisoner advocacy groups, community treatment agencies, the churches, families of prisoners and the community at large. The parole system. Observational visits and guest presentations.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSP074 CORRECTIONS AND THE COMMUNITY 4


Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSP081 LAW AND PUBLIC POLICY

Introduces students to the practice of public policy formulation, development and implementation with specific emphasis.
on the legislative and legal implications of policy work. The unit adopts a practical approach to developing real policy consultation, analysis and writing skills, whilst also addressing the more theoretical aspects of policy development processes.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSP082 LEGAL RIGHTS AND RESPONSIBILITIES
Society demands certain responsibilities from persons classed as adults. Rights and duties fall to the adult person in some of the most important aspects of life. This unit examines in particular welfare, housing, relationships and employment. These responsibilities will encompass the majority of a person’s adult life. This unit links the analysis of the legal responsibilities involved in housing, relationships, welfare and employment to an understanding of the concept of adult citizenship.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSP083 ADMINISTRATIVE LAW & JUSTICE
Mechanisms of state accountability, their philosophy and practice are examined in order to provide a working knowledge of the administrative justice system and its social and political environment. Particular emphasis is placed on the capacity of administrative law to provide both public accountability and participation in decision-making. Key areas covered include theories of the administrative state, merits review, judicial review, freedom of information, the ombud’s office and the core principles of administrative law.

Courses: JS31, JS33, LW41
Credit points: 12
Contact hours: 3 per week
Incompatible with: JSB316

■ JSP084 JUSTICE & HUMAN RIGHTS
The political and philosophical concepts known as rights are becoming increasingly important for the Australian justice professions. Australia’s international and domestic human rights obligations are presented and their relevance for the legal system analysed. The common law history of human rights will be explored along with the changing nature of such rights throughout this century. A number of case studies of human rights problems in our region will be discussed and compared with Australia’s record in this area.

Courses: JS41
Credit points: 12
Contact hours: 3 per week

■ JSP091 RESEARCH DESIGN AND METHODOLOGY
Students undertaking research projects need to have a sound knowledge and understanding of basic methods of research design and research analysis. This subject is intended to be an introduction to research design and methodology for use in the fields of criminal justice, justice administration and criminology. Emphasis will be placed upon the collection and interpretation of data, through an understanding of the logic of social science research design and methodology.

Courses: LW41
Credit points: 12
Contact hours: 3 per week

■ LAB320 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
Credit points: 12
Contact hours: 3 per week

■ LAB321 WRITING WORKSHOP
The student, as writer, uses all the language modes in social contexts (either genuine or simulated) 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
Credit points: 12
Contact hours: 3 per week

■ LAB322 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
Credit points: 12
Contact hours: 3 per week

■ LAB323 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
Credit points: 12
Contact hours: 3 per week

■ LAB325 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, IF76, IF77, IF78, IF79
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area

Credit points: 12
Contact hours: 3 per week

■ LAB326 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, IF76, IF77, IF78, IF79
Prerequisites: LAB325

Credit points: 12
Contact hours: 3 per week

■ LAB327 FILM & 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, IF76, IF77, IF78
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area

Credit points: 12
Contact hours: 3 per week

■ LAB328 FILM & 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, IF76, IF77, IF78
Prerequisites: LAB327

Credit points: 12
Contact hours: 3 per week

■ LAB329 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.
UNIT SYNOPSES

LAB330 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, IF76, IF77, IF78
Prerequisites: LAB329
Credit points: 12
Contact hours: 3 per week

LAB334 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
Credit points: 12
Contact hours: 3 per week

LAB339 ADULT LITERACY & 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
Credit points: 12
Contact hours: 3 per week

LAB341 LANGUAGE, TECHNOLOGY & 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 settings. The use of language discourse and power are applied to educational settings. The use of language and technology in instruction is introduced. Unit is offered by the Schools of Language, Literacy and Education and Maths, Science and Technology Education.

Courses: ED50, ED55, IF70-79
Credit points: 12
Contact hours: 3 per week

LAB342 LANGUAGE & MATHEMATICS CURRICULUM 1
Comprised of two half units on language and mathematics education. In the language section, students will explore the theory related to reading and viewing a variety of texts, and will build strategies and resources appropriate for the primary classroom. The mathematics section will provide frameworks for teaching mathematics and techniques for the strands of number (whole number, fractions, decimals and operations) and working mathematically (problem-solving).

Courses: ED51, ED56, IF82, IF84
Credit points: 12
Contact hours: 3 per week

LAB343 LANGUAGE & MATHEMATICS CURRICULUM 2
Complementary unit to Language and Mathematics Curriculum 1 and consists again of two half units of language and mathematics education. The language component of this unit explores the theory, strategies and resources for writing, speaking and listening in a range of genres in a variety of social settings. The mathematics section focuses on particular techniques for teaching the strands of space (shape, size and position), measurement (length, area, etc.) and chance and data (statistics, graphs and probability).

Courses: ED51, ED56, IF82, IF84
Prerequisites: LAB342
Credit points: 12
Contact hours: 3 per week

LAB344 LANGUAGE & LITERACY FOUNDATIONS
Introduces students to the nature and development of language and literacy in the contexts of the community, the university and the school. Topics will include: the nature and function of language; theories of language and literacy acquisition; intergenerational and situational literacies; the registers of school language; the nature and scope of text types used in the classroom, the university and the community; the social and personal implications of the development and attainment of literacy proficiency, including academic literacy.

Courses: ED43, ED51, ED52
Credit points: 12
Contact hours: 3 per week

LAB345 LOTE/SECOND LANGUAGE FOUNDATIONS
Focuses on first and second language development; cross-cultural communication; Australia’s immigrant and Indigenous language communities; the needs of second language/second dialect learners, and procedures necessary for the maintenance or development of bilingualism and bidialectism in school age populations.

Courses: ED51
Credit points: 12
Contact hours: 3 per week

LAB346 CASE STUDIES IN ADULT & 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
Credit points: 12
Contact hours: 3 per week

LAB347 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 area of specialisation and develop appropriate teaching techniques and resources.

Courses: ED43, ED50, ED51, ED52, ED54
Credit points: 12
Contact hours: 3 per week

LAB410 LANGUAGE CURRICULUM DEVELOPMENT & CRITIQUES
A critical examination of the issues underpinning language education today and an action research project into classroom innovation or a detailed child study of language development.

Courses: ED26
Credit points: 12
Contact hours: 3 per week

LAB411 ADVANCED STUDIES IN FILM & MEDIA CURRICULUM
Examines the classroom implications of new policies and curriculum changes in Media Education. These include the relation of the QDE 1-10 Media Education Guidelines to other curriculum areas such as Arts, English, Social Science and Technology Education and the programming implications of such Film and Media Curriculum issues as audience effects, representation, media ownership and institutions, multimedia technologies and critical literacies.

Courses: ED50, ED55, IF70-79
Credit points: 12
Contact hours: 3 per week
**LAB412 ADVANCED STUDIES IN ENGLISH, ESL CURRICULUM**
Focusses 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

**Credit points:** 12  **Contact hours:** 3 per week

**LAB413 PROGRAMMING & ASSESSMENT IN LANGUAGE & MATHEMATICS**
Focusses on designing programs/units to promote and monitor individual language and mathematics development. This unit will bring perspectives from critical theory to the linked processes of program design and assessment in primary language and mathematics. In particular, the unit will examine the effects of technological change and current reporting practices on unit development, pedagogy and assessment. This includes developing an understanding of the principles and processes involved in planning the effective use of a range of language and maths resources for use in classrooms. A range of techniques and instruments for monitoring development will be explored. These will be related to reporting techniques such as the Student Performance Standards.

**Courses:** ED18, ED51, ED56, IF82, IF84

**Credit points:** 12  **Contact hours:** 3 per week

**LAB414 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 ethno-grapher.

**Courses:** ED51

**Credit points:** 12  **Contact hours:** 3 per week

**LAB415 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

**Credit points:** 12  **Contact hours:** 3 per week

**LAB441 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, ED43

**Credit points:** 12  **Contact hours:** 3 per week

**LAB443 TRENDS IN THE TEACHING OF READING**
Provides students with the opportunity to extend their understanding of the reading process; examines 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, ED55

**Credit points:** 12  **Contact hours:** 3 per week

**LAB446 GRAMMAR FOR WRITERS**
Designed to help teachers develop some systematic knowledge about language and grammar in particular. It looks at the questions: What is grammar?; What grammars are available to us? It then focuses in some detail on systemic functional grammar.

**Courses:** ED51, ED52, ED43

**Credit points:** 12  **Contact hours:** 3 per week

**LAB447 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

**Credit points:** 12  **Contact hours:** 3 per week

**LAB448 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:** LAB447

**Credit points:** 12  **Contact hours:** 3 per week

**LAB449 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, ED51, ED55, ED56, IF84

**Credit points:** 12  **Contact hours:** 3 per week

**LAB450 PRIMARY LOTE CURRICULUM STUDIES 2**
Continuation of LAB449. 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, ED51, ED55, ED56, IF84

**Credit points:** 12  **Contact hours:** 3 per week

**LAB451 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 stories; promotes ways for using storytelling across the curriculum.

**Courses:** ED51, ED52, ED26

**Credit points:** 12  **Contact hours:** 3 per week  **Incompatible with:** LAP517

**LAB452 MEDIA LITERACY & THE SCHOOL**
Mass media communication processes and their implications for teaching and learning; semiotics; influence of media on people; advertising and mass media research techniques; media ownership issues; future trends in mass media technologies.

**Courses:** ED51, ED52

**Credit points:** 12  **Contact hours:** 3 per week  **Incompatible with:** LAP513

**LAN608 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

**Credit points:** 12  **Contact hours:** 3 per week
■ LAN609 LANGUAGE, LITERACIES & 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

■ LAN611 ADULT & WORKPLACE LITERACY & 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

■ LAN612 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; 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  Credit points: 12  Contact hours: 3 per week

■ LAN613 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  Credit points: 12  Contact hours: 3 per week

■ LAN614 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  Credit points: 12  Contact hours: 3 per week

■ LAN615 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  Credit points: 12  Contact hours: 3 per week

■ LAN616 LANGUAGE ASSESSMENT & 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  Credit points: 12  Contact hours: 3 per week

■ LAN617 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  Credit points: 12  Contact hours: 3 per week

■ LAN618 TECHNOLOGY & SECOND LANGUAGE LEARNING
The twentieth century has seen 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  Credit points: 12  Contact hours: 3 per week

■ LAN619 FUNCTIONAL GRAMMAR
When we use language to enact our everyday lives, to teach and to learn, we use texts to do so. This unit provides a means for analysing and understanding how texts make meaning linguistically. Students will engage in analysis and discussion of text level meaning via genre, register and cohesion; clause level meaning via Transitivity, Mood and Theme/Rheme; group level meaning making via nominal, verbal and prepositional groups, and the significant linguistic features of written as contrasted with spoken language.
Courses: ED14, ED77  Credit points: 12  Contact hours: 3 per week

■ LAN620 LANGUAGE & CULTURE
The relationship between language and culture; that is, how language is a social phenomenon, the use of which varies according to context. This close relationship is particularly relevant in multicultural settings such as the ESL classroom.
Courses: ED14, ED77  Credit points: 12  Contact hours: 3 per week

■ LAN623 INVESTIGATING LANGUAGE & LITERACY TEACHING & 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  Credit points: 12  Contact hours: 3 per week

■ LAN624 LITERACY/ESL PROGRAMMING & ASSESSMENT
Courses: ED13, ED11, ED61  Credit points: 12

■ LAN625 NEW LITERACIES & 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

■ LAN626 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 programme. 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  Credit points: 12  Contact hours: 3 per week

■ LAP507 AUSTRALIAN LITERATURE FOR YOUNG PEOPLE
Courses: ED25  Credit points: 12
- LAP509 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

- LAP515 RESOURCE SERVICES FOR SPECIAL NEEDS
  Resource services designed for students with special needs relating to physical or intellectual impairments, socio-economic or cultural circumstances; the theory and practice of mainstreaming: the inclusive School Resource Centre.
  Courses: ED25  Credit points: 12

- LAP516 SPECIAL SEMINAR
  Study of a specific aspect of teacher-librarianship, the unit to be determined by the University according to need and/or the availability of expertise.
  Courses: ED25  Credit points: 12

- LAP518 VISUAL LITERACY & RESOURCE DESIGN
  Visual literacy; learning styles; interpretation; design and evaluation of visually-based resources.
  Courses: ED25  Credit points: 12

- LAP527 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

- LAP528 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

- LAP529 COMMUNICATION WITH 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

- LAP530 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

- LAP531 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

- LAP532 BIBLIOGRAPHIC ORGANISATION
  Library systems for the organisation of information; development of effective, user-friendly catalogues, with automation where appropriate; study of SCIS [Schools Catalogue Information Service]/AACR [Anglo-American Cataloguing Rules] cataloguing guidelines, SCIS subject headings, and Dewey Decimal Classification; study of indexing and other bibliographic helps to accessing information in books and other library holdings.
  Courses: ED25  Credit points: 12

- LAP533 MAJOR PROJECT
  A research project on a teacher-librarianship related topic, involving articulating a theoretical position which can be critically applied to a practical situation.
  Courses: ED25  Credit points: 12

- LEB331 TEACHING CHILDREN WITH LOW INCIDENCE DISABILITIES
  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  Credit points: 12  Contact hours: 3 per week

- LEB332 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  Credit points: 12  Contact hours: 3 per week

- LEB333 ADULT LEARNING & 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  Credit points: 12  Contact hours: 3 per week

- LEB334 ACQUISITION & ADAPTABILITY OF WORKPLACE KNOWLEDGE & 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  Credit points: 12  Contact hours: 3 per week

- LEB335 HUMAN DEVELOPMENT & 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, ED54, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84  Credit points: 12  Contact hours: 3 per week

- LEB336 PSYCHOLOGY OF LEARNING & TEACHING
Courses: ED50, ED51, ED52, ED53, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84
Credit points: 12
Contact hours: 3 per week

**LEB337 GIFTED LEARNERS**
Provides a framework for understanding and evaluating the needs of gifted learners. It emphasises identification, learning and teaching styles, sound emotional issues, research findings and resources associated with gifted learners. Provision is also made for some practicum work with gifted learners.

Courses: ED43, ED50, ED51, ED52, ED54
Credit points: 12
Contact hours: 3 per week

**LEB338 THE INDIVIDUAL IN ADULT & WORKPLACE EDUCATION**
Tailored 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
Credit points: 12
Contact hours: 3 per week

**LEB420 INTERPERSONAL PSYCHOLOGY IN EDUCATION**
Historical development and major principles of interpersonal psychology; concepts related to the formation and development of interpersonal relationships; particular concepts and their application to education; interpersonal relationships with exceptional students; emotional models; models of effective teaching: self-concept; small group development; applications of interpersonal psychology. Study school for external students strongly recommended.

Courses: ED26
Credit points: 12
Contact hours: 3 per week

**LEB421 DEVELOPING EFFECTIVE LEARNING ENVIRONMENTS**
Teachers as researchers; contemporary approaches to exploring classroom interaction and teaching/learning processes; teacher communication and expectancy effects; promoting cooperative learning and teaching styles; teachers concepts of teaching and reflective processes.

Courses: ED26
Credit points: 12
Contact hours: 3 per week

**LEB431 INTERACTIVE TEACHING STRATEGIES**
Interactive teaching strategies offer alternatives to whole-class or lecture methods of presentation, and can be used with any age level and in any content area (K-12, TAFE, university). They increase confidence, enthusiasm, and enjoyment of learning; insure less separation due to race, gender, ethnicity, or status; make learning relevant to individual experience, and invite the use of higher order thinking skills. This is a practical, hands-on subject, structured according to principles of adult learning, a workshop format with contract-based assessment.

Courses: ED26
Credit points: 12
Contact hours: 3 per week

**LEB441 EDUCATIONAL COUNSELLING**
The nature of counselling/helping in educational contexts; the educator as counselor; 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: ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED61, IF70-79
Credit points: 12
Contact hours: 3 per week

**LEB443 HUMAN SEXUALITY & 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 healthcare workers and educators, with emphasis on the former.

Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79, NS40, NS48
Credit points: 12
Contact hours: 3 per week

**LEB444 HUMAN SEXUALITY & DEVELOPMENT**
Medical, legal, and developmental issues in human sexual behaviour related to sexuality and disability/illness, infertility and its options, pregnancy and birthing, sexuality and aging, sexual dysfunction, transsexuality, and HIV/AIDS. Implications for school, community and healthcare workers and educators, with emphasis on the latter.

Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79, NS40, NS48
Credit points: 12
Contact hours: 3 per week

**LEB480 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
Credit points: 12
Contact hours: 3 per week

**LEN602 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 inventions will be investigated and ethical issues will be addressed.

Courses: ED13, ED11, ED61
Prerequisites: LEB441
Credit points: 12
Contact hours: 3 per week

**LEN603 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

**LEN604 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
Credit points: 12

**LEN605 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; developmental 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 inservice strategies.

Courses: ED13, ED11
Credit points: 12
LEN606 TEACHING STUDENTS WITH LEARNING DIFFICULTIES/DISABILITIES
In-depth review of research of the impact of learning disabilities/difficulties and developmental delay on the learning of literacy from years 1-12 and in post-secondary education; studies in language and its use in learning; assessment and monitoring techniques and approaches to literacy acquisition by students with learning difficulties/disabilities. Draws on developments in areas such as sociolinguistics, psycholinguistics, metacognition and process approaches to literacy and learning within an inclusive education framework.
Courses: ED13, ED11  Credit points: 12

LEN607 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  Credit points: 12  Contact hours: 3 per week

LEN608 FOUNDATIONS OF ADULT LEARNING & 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 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  Credit points: 12  Contact hours: 3 per week

LEN609 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

LEN610 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: LEB441 or LEN602  Credit points: 12

LEN611 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

LEN612 BEHAVIOUR MANAGEMENT: PROGRAMS & 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: PRN635  Credit points: 12

LEN613 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

LEN614 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  Credit points: 24  Contact hours: 5-6 per week

LEP523 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  Credit points: 12  Contact hours: 3 per week

LEP524 CONSULTATION & 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  Credit points: 12  Contact hours: 3 per week

LEP525 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  Credit points: 12  Contact hours: 3 per week

LEP526 LITERACY & LEARNING
Review of significant learning difficulties/disabilities among learners in schools (Years 1-12) and post-secondary education; foundation studies in language and reading; 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  Credit points: 12  Contact hours: 3 per week

LSA123 GENERAL BIOLOGY
Provides an overview of taxonomy; the structure and function of eukaryotic and prokaryotic cells; the study of mammalian cells, protozoa, fungi, algae, viruses, helminths and bacteria.
Courses: SC15  Credit points: 8  Contact hours: 5 per week

LSA221 BIOLOGICAL CHEMISTRY
Covers theoretical and practical biological chemistry through
the topics: biological molecules; enzymology; function and role of co-enzymes; metabolism; electron transport chain and ATP synthesis; role of pH and biological buffers and regulation of metabolism FOR FURTHER INFORMATION: (WWW) http://www.life.sci.qut.edu.au/teaching_material/overview.htm

### Corequisites:
- LSA221

### Courses:
- **LSA222 LABORATORY INSTRUMENTATION**
  - This unit introduces the basic laboratory skills required in the routine operation of a laboratory that examines characteristics of biological macromolecules. Introduced are the theory and application of spectrophotometry, chromatography, centrifugation and electrophoresis including the manipulation of DNA using restriction endonucleases and polymerase chain reaction techniques and the use and handling of radioisotopes. Special emphasis is placed on gaining hands-on experience and keeping laboratory notebooks.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 5 per week

- **LSA223 MICROBIOLOGY**
  - Covers the theoretical and practical aspects of the study of microbiology in clinical, environmental and industrial applications. The emphasis is on the identification and control of bacteria.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA224 PATHOLOGY**
  - The application of scientific methods to the study of the general principles of disease processes and selected diseases of the organ systems. Correct understanding and use of pathological terms and concepts.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 2 per week

- **LSA225 HUMAN ANATOMY & PHYSIOLOGY**
  - Introduces anatomy and physiology with emphasis on the relationships between structure and function of the normal human being. Topics studied include: the cell; tissues; skeletal system; articulation and the muscular, lymphatic, respiratory, gastro-intestinal, renal endocrine and reproductive systems.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 5 per week

- **LSA320 CLINICAL BIOCHEMICAL TECHNIQUES 1**
  - A study of the basic chemical procedures used in biochemical laboratories with emphasis on technique and accuracy. Topics include: tests of renal, pancreatic and hepatic functions; the estimation of serum proteins, lipids and carbohydrates, with emphasis on quality control measures.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA321 CLINICAL MICROBIOLOGICAL TECHNIQUES 1**
  - The techniques used in isolation and identification of bacteria important in human and animal infections; the use of computerised databases to assist in bacterial identification; tests for the sensitivity of bacteria to antibiotics; preparation, sterilisation, quality control and use of bacteriological media.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA322 HAEMATOLOGICAL TECHNIQUES 1**
  - Lectures and practical work in haematological techniques. Topics include: the counting of blood cells; the preparation, staining and examination of blood films; the determination of the red cell indices; supravital staining techniques; erythrocyte sedimentation rate and origin and maturation of blood cells, normal coagulation mechanisms.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA323 HISTOLOGICAL TECHNIQUES 1**
  - Preparing tissue samples for examination by the various forms of light microscopy. Topics include: fixation, tissue processing, microtomy and an introduction to staining and light microscopic techniques.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA324 IMMUNOLOGICAL TECHNIQUES 1**
  - Introduction to immunology with particular emphasis on the principle and performance of immunological techniques including blood grouping. Topics include: antigens, antibodies and the immune system.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA325 CYTOLOGICAL TECHNIQUES 1**
  - Lectures and associated practical sessions in cytological methods and normal gynaecological cytology. Basis for clinical cytology offered in LSA425.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA420 CLINICAL BIOCHEMICAL TECHNIQUES 2**
  - Builds on work done in LSA320 and is a study of more complex techniques used in clinical biochemical laboratories, including enzyme assays, estimations of electrolytes, blood gases, drugs, vitamins and hormones. Auto-analytical techniques and quality control are also treated.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA421 CLINICAL MICROBIOLOGICAL TECHNIQUES 2**
  - Basic microbiological techniques in the following disciplines: virology, mycology and parasitology (enteric parasites). The practical periods are used to reinforce the theoretical aspects of the unit.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA422 HAEMATOLOGICAL TECHNIQUES 2**
  - An extension of LSA322. The students is introduced to the common blood disorders. A brief outline of their aetiology and laboratory investigation is given. The main emphasis is the use of basic haematological techniques and some specialised laboratory procedures used in the investigation of commonly encountered blood diseases. Tests used in the investigation of the bleeding disorders are discussed.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA423 HISTOLOGICAL TECHNIQUES 2**
  - Specialised methods for identifying tissue components. Topics include: electron microscopy, histochemistry, immunohistochemistry. Emphasis is placed on the practical application of these methods in histopathology.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA424 TRANSFUSION TECHNIQUES**
  - The basic knowledge of immunology gained in LSA324 is applied to the study of human blood group systems and the provision of blood for transfusion. Topics include: principles of immunohaematology, ABO blood group, Rh blood group system, compatibility testing, antibody identification, transfusion reactions, antenatal testing, quality control, intravenous fluids, blood products.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week

- **LSA425 CYTOLOGICAL TECHNIQUES 2**
  - Specialised preparative methods for non-gynaecological cytology and demonstrating the evaluation of specimens commonly encountered in routine diagnostic cytology.
  - **Courses:** SC15  
    **Credit points:** 8  
    **Contact hours:** 4 per week
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<td>LSB238</td>
<td>CELL BIOLOGY</td>
<td>12</td>
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<td>LSB245</td>
<td>ANATOMY 2 &amp; INTRODUCTORY PATHOLOGY</td>
<td>12</td>
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<td>LSB250</td>
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<td>LSB265</td>
<td>QUANTITATIVE LABORATORY PRACTICE 1</td>
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of the quantitative process. Health and safety issues in the work place and disposal of clinical waste are also addressed.

**Courses:** LSB37  
**Credit points:** 12  
**Contact hours:** 5

### LSB275 BIOCHEMISTRY
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:** PU40  
**Prerequisites:** CHB242  
**Credit points:** 12  
**Contact hours:** 5 per week

### 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  

### LSB300 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:** LSB37  
**Prerequisites:** LSB238, PCB242  
**Credit points:** 8  
**Contact hours:** 4 per week

### 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, LSB37, SC30, SC01  
**Prerequisites:** PCB242, LSB238  
**Credit points:** 12  
**Contact hours:** 4 per week

### LSB320 QUANTITATIVE METHODS IN LIFE SCIENCE 2
Topics include: immunooassay, electrophoresis and isoelectric focussing; chromatography including gel filtration, affinity chromatography, ion exchange and aspects of high performance liquid chromatography; and enzymic analysis. Emphasis is placed on correct experimental procedures, hypothesis testing and the statistical interpretation of data, and quality control.

**Courses:** LSB37  
**Prerequisites:** LSB260  
**Credit points:** 8  
**Contact hours:** 4 per week

### LSB321 SYSTEMATIC PATHOLOGY
Diseases of the organ systems: cardiovascular, respiratory, alimentary, urogenital, nervous musculoskeletal, endocrine, haematologic and skin.

**Courses:** PH38  
**Credit points:** 8  
**Contact hours:** 3 per week

### 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:** SC01  
**Prerequisites:** PCB242, LSB238  
**Credit points:** 12  
**Contact hours:** 4 per week

### LSB338 CELL AND MOLECULAR BIOLOGY
A continuation and expansion of the topics introduced in LSB238 Cell Biology. 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.

**Courses:** SC01  
**Prerequisites:** LSB238  
**Corequisites:** LSB308  
**Credit points:** 12  
**Contact hours:** 4 per week

### LSB343 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  
**Credit points:** 8  
**Contact hours:** 4 per week

### LSB345 REGIONAL & IMAGING ANATOMY 1
Focuses on the regional and sectional 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:** LSB245  
**Credit points:** 12  
**Contact hours:** 2 per week

### LSB350 GENERAL & SYSTEMATIC PATHOLOGY
Principles of the study of disease and dealing with the causes and nature of circulation disorders, degenerative processes, metabolic disorders, disturbances of development and growth, inflammation, infections and infestations, regeneration and repair and neoplasia. Includes the application of general pathology to the study of diseases of the organ systems.

**Courses:** LSB37  
**Prerequisites:** LSB150  
**Credit points:** 8  
**Contact hours:** 2 per week

### 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; Advanced Physiology [LSB358] and Clinical Physiology [LSB658].

**Courses:** SC01, PU40, PU43, HM42, ED50  
**Prerequisites:** LSB131 or LSB142 or LSB228  
**Credit points:** 12  
**Contact hours:** 5 per week

### 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  
**Credit points:** 12  
**Contact hours:** 3 per week

### LSB370 DISEASE PROCESSES
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:** OP42  
**Prerequisites:** LSB151 or LSB130  
**Credit points:** 4  
**Contact hours:** 2 per week

### LSB371 BIOCHEMISTRY 4
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  
**Prerequisites:** PCB242  
**Credit points:** 8  
**Contact hours:** 4 per week
■ 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
Credit points: 12
Contact hours: 5 per week

■ LSB400 MICROBIOLOGY 2
An extension of the core unit in microbiology dealing with further aspects of microbial diversity, ecology, classification and taxonomy, action of and resistance to antimicrobial chemicals, host-microbe-environment relationships, foodborne pathogens and spoilers, practical applications of immunology, and examples of the industrial importance of microbial biotechnology.
Courses: LS37
Credit points: 8
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ LSB410 METABOLISM
Topics include: aspects of carbohydrate metabolism in mammals; the chemistry and metabolism of lipids and amino acids; the chemistry and function of porphyrins; metabolic integration.
Courses: LS37
Credit points: 8
Contact hours: 5 per week

■ 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, report writing skills applying microbiological knowledge and critique of publications.
Courses: PU40, PU43
Credit points: 12
Contact hours: 6 per week

■ LSB421 IMAGING PATHOLOGY
The appearances of pathology on medical images with particular emphasis on the radiographic image.
Courses: PH38, PH90
Credit points: 4
Contact hours: 2 per week

■ 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 spoilers, examples of the industrial importance of microbes, and safe manipulation of pathogenic microbes.
Courses: SC01
Credit points: 12
Contact hours: 4 per week

■ LSB430 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: LS37
Credit points: 8
Contact hours: 4 per week

■ LSB437 MOLECULAR BIOLOGY
Courses: LS37
Credit points: 8
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 5 per week

■ LSB443 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
Credit points: 8
Contact hours: 4 per week

■ LSB445 REGIONAL & IMAGING ANATOMY 2
Focuses on the regional and sectional anatomy of the thorax, abdomen and pelvic regions and the anatomy of the structures of the above regions which are visualised by medical imaging modalities.
Courses: LS37
Credit points: 8
Contact hours: 4 per week

■ LSB451 HUMAN PHYSIOLOGY
A course of lectures and practicals, similar to LSB250.
Courses: OP42, PU43
Credit points: 12
Contact hours: 7 per week

■ 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; Advanced Physiology [LSB558] and Clinical Physiology [LSB658].
Courses: SC01, PU40, PU43, HM42, ED50
Credit points: LSB131 or LSB142 or LSB228
Credit points: 12
Contact hours: 5 per week

■ LSB460 HISTOPATHOLOGY 1
An introductory subject presenting methods of preparing tissue samples for observation by various forms of light and electron microscopy. Topics include: laboratory safety; fixation, processing and embedding of samples; decalcification; microscopy; general principles of staining, routine staining methods; use of microscopes; immunohistochemistry and microscopy techniques.
Courses: LS37
Credit points: 8
Contact hours: 4 per week

■ LSB468 MOLECULAR BIOLOGY
Courses: SC01
Credit points: 12
Contact hours: 5 per week

■ LSB475 DISEASE PROCESSES 4
See LSB370.
Courses: PU43
Credit points: 12
Contact hours: 4 per week
■ 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

■ LSB488 PLANT PHYSIOLOGY 1
Whole plant physiology and the functional systems of plants. An important unit for students continuing their studies in the plant biotechnology and ecology areas.
Courses: ED50, SC01 Prerequisites: LSB222 or LSB228
Credit points: 12 Contact hours: 4 per week

■ LSB491 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
Credit points: 6 Contact hours: 3 per week

■ 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: SC30 Prerequisites: LSB408
Credit points: 12 Contact hours: 5 per week

■ LSB510 MICROBIOLOGY 3
A unit comprising parasitology, virology and mycology components. Parasitology studies will be directed towards the laboratory diagnosis of parasitic disease in humans. It will consist of a systematic study of identification, life history, incidence, modes of infection, epidemiology and control of parasites infecting humans. Clinical virology will include a study of viral compositions, morphologies and life cycles, cell culture and viral CPE, diagnostic methods, pathogenesis and control of viral infections and detailed discussion of important viral diseases of humans. Clinical mycology will involve studying the classification of mycoses, collection and treatment of clinical material for the mycological culture and characterisation/identification of fungi responsible for superficial, cutaneous, subcutaneous and systemic infections of humans.
Courses: LS37 Prerequisites: LSB400
Credit points: 8 Contact hours: 5 per week

■ LSB517 PLANT TISSUE CULTURE
A broad introduction to plant tissue culture. Techniques and media preparation leading to a coverage of micropropagation and regeneration systems. Organogenesis, embryogenesis, genetic variability, secondary metabolite production and introduction to plant transformation.
Courses: ED50, SC01, LS71
Credit points: 12 Contact hours: 4 per week

■ LSB520 CLINICAL BIOCHEMISTRY 1
Introduces the study of chemical aspects of human life in health and illness and discusses the application of chemical laboratory methods to diagnosis, control of treatment and prevention of disease. Topics include: kidney, pancreas, liver and gastric functions; the metabolism of lipids, carbohydrates and proteins.
Courses: LS37 Prerequisites: LSB250; LSB320; LSB410
Credit points: 8 Contact hours: 4 per week

■ LSB527 BIOMEDICAL RESEARCH
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
Credit points: 12 Contact hours: 5 per week

■ LSB528 ADVANCED BIOLOGY OF MICROORGANISMS
Current perspectives in bacterial isolation, identification and characterisation together with molecular microbial phylogeny and aspects of microbial physiology and metabolism are presented. Fundamental and advanced aspects of bacterial pathogenesis from both a cellular and molecular perspective are also covered. An introduction to laboratory report writing and scientific paper writing is also provided. The laboratory component focuses on a specific class research project.
Courses: SC01 Prerequisites: LSB428
Credit points: 12 Contact hours: 5 per week

■ LSB530 IMMUNOLOGY 2
Expands the basic knowledge provided in LSB430 and provides an understanding of the genetic control of antibody diversity, the function of antibody and complement at a molecular level, cell interactions in the immune response and immunological process in resistance to and recovery from infection. Practical classes place emphasis on the competent performance of immunological procedures rather than just a description of immunological principles.
Courses: SC01 Prerequisites: LSB430
Credit points: 8 Contact hours: 4 per week

■ LSB537 GENETIC ENGINEERING
Lectures and practical classes designed to develop concepts and skills in the recombinant DNA technologies used in genetic engineering. Lecture topics include the enzymes, vectors and host cells for gene isolation and cloning; strategies and procedures for cellular transformation and gene library construction; nucleic acid hybridisation techniques; and methods of screening for recombinant clones using radioactive and non-radioactive gene probes.
Courses: SC01 Prerequisites: LSB468
Credit points: 12 Contact hours: 5 per week

■ LSB540 MOLECULAR PATHOGENESIS & DISEASE DIAGNOSIS 1
Series of Lectures dealing with the molecular aspects of pathogenesis and diagnosis of diseases. After a general introduction in which certain basic molecular biology techniques are discussed, a number of infectious and genetic diseases are addressed.
Courses: LS37 Prerequisites: LSB238; LSB308; LSB348
Credit points: 8 Contact hours: 2 per week

■ LSB547 CLINICAL BACTERIOLOGY
Clinical bacteriology dealing with the characteristics, isolation and identification of bacteria implicated in human disease; the collection and examination of clinical specimens; the initial use of computerised data bases in bacterial identification and antibiotic sensitivity tests on laboratory isolates; the interpretation and reporting of results.
Courses: SC01 Prerequisites: LSB428
Credit points: 12 Contact hours: 5.5 per week

■ LSB550 HAEMATOLOGY 2
Concentrates on erythrocyte disorders. Topics discussed include: haemopoesis; the erythrocyte – structure and function; kinetics, metabolism, general aspects and classification of anaemia; anaemias with defective haemoglobin synthesis; macrocytic anaemias; hypoproliferative anaemias; anaemia of chronic renal disease; chronic liver disease; haemolytic anaemia – hereditary and acquired.
Courses: LS37 Prerequisites: LSB410; LSB437; LSB450
Credit points: 8 Contact hours: 4 per week

■ 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  Credit points: 12  Contact hours: 5 per week

- **LSB560 HISTOPATHOLOGY 2**
  A more detailed study of the science of histopathology. Topics include: quality assurance and control; methods applicable to the handling, processing and staining of a range of biopsy and postmortem tissues; endogenous and exogenous pigments; microorganisms; enzyme histochemistry; advanced immunohistochemistry; autoradiography; methods used in tumour diagnosis and differentiation; use of polymerase chain reaction with histological samples; in situ hybridization and the use of electron microscopy in histopathology.

Courses: LS37  Prerequisites: LSB460  Credit points: 8  Contact hours: 4 per week

- **LSB567 IMMUNOLOGY 2**
  Expands the basic knowledge provided in LSB430 and provides an understanding of the genetic control of antibody diversity, the function of antibody and complement at a molecular level, cell interactions in the immune response and immunological process in resistance to and recovery from infection. Practical classes place emphasis on the competent performance of immunological procedures rather than just a demonstration of immunological principles.

Courses: SC01  Prerequisites: LSB438  Credit points: 12  Contact hours: 4 per week

- **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 complimentary to biology, microbiology and molecular biology; analytical capabilities of electron beam instruments.

Courses: SC01  Prerequisites: CHB142  Credit points: 12  Contact hours: 5 per week

- **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  Credit points: 12  Contact hours: 5 per week

- **LSB588 PLANT PHYSIOLOGY 2**
  The sequence of biochemical and physiological events during the life history of a plant. Topics include: starch and oil mobilisation during seed germination, biosynthesis of cell membranes, cell pigments (carotenoids, chlorophylls), and plant cell walls; photosynthetic assimilation of nitrogen and sulphur (overview of biosynthesis of all amino acids); biosynthesis of so-called secondary plant products for example terpenoids, flavonoids, and the lignin component of wood; biosynthesis of starch and oils in new seeds. Laboratory classes emphasize techniques of value to plant biochemical research.

Courses: SC01  Prerequisites: LSB488  Credit points: 12  Contact hours: 4 per week

- **LSB598 MOLECULAR PATHOGENESIS & DISEASE DIAGNOSIS 1**
  Lectures, tutorials, workshops and practical classes dealing with the molecular aspects of pathogenesis and diagnosis of diseases. After a general introduction in which certain basic molecular biology techniques are discussed, a number of infectious and genetic diseases are addressed. Current technologies are used in the practical classes and their use in analysis and diagnosis highlighted.

Courses: SC01  Prerequisites: LSB338, LSB348  Corequisites: LSB537  Credit points: 12  Contact hours: 5 per week

- **LSB607 PROTEIN PURIFICATION**
  Comprehensive lectures and project work designed to integrate a number of specialist biochemical procedures including centrifugation, liquid chromatography, electrophoresis, spectrophotometry and peptide mapping. 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: SC01, LS70  Prerequisites: LSB308  Credit points: 12  Contact hours: 5 per week

- **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: LSB408  Credit points: 12  Contact hours: 5 per week

- **LSB610 CLINICAL BACTERIOLOGY**
  Clinical bacteriology dealing with the characteristics, isolation and identification of bacteria implicated in human disease; the collection and examination of clinical specimens; the initial use of computerised databases in bacterial identification and antibiotic sensitivity tests on laboratory isolates; the interpretation and reporting of results.

Courses: LS37  Prerequisites: LSB400  Credit points: 8  Contact hours: 5.5 per week

- **LSB620 CLINICAL BIOCHEMISTRY 2**
  Clinical biochemistry with emphasis on enzymes, electrolytes, blood gases, drugs, vitamins, functions of the thyroid and adrenal glands, autoanalyses, quality control and steroid metabolism.

Courses: LS37  Prerequisites: LSB520  Credit points: 8  Contact hours: 4 per week

- **LSB628 FOOD & WATER MICROBIOLOGY**
  Aspects of the microbiology of foods and water. Topics include: laboratory registration; sampling of foods and water; food and water borne pathogens; food hygiene and HACCP; food standards and the law; food ecology and its relationship to food spoilage and preservation; industrial fermentations; and methods of microbial examination of foods and water.

Courses: SC01  Prerequisites: LSB428  Credit points: 12  Contact hours: 5 per week

- **LSB630 IMMUNOLOGY 3**
  Designed to provide students with an understanding of the antigens, immune mechanisms and clinical factors involved in blood transfusion and tissue transplantation. An understanding of immunology gained in LSB430 and LSB530 is applied in this subject. The genetic basis of blood grouping and tissue typing is introduced and forms the basis for a study of the blood group antigens and associated antibodies. The subject is presented with an emphasis on developing proficiency and problem solving in a clinical laboratory situation.

Courses: LS37  Prerequisites: LSB530  Credit points: 8  Contact hours: 4 per week

- **LSB637 MOLECULAR GENETICS**
  Advanced lectures, seminars, demonstrations and practical exercises dealing with specialist techniques used in molecular biology. Lecture topics include the polymerase chain reaction and associated technologies, molecular methods for the detection and typing of bacteria, the control of gene expression in eukaryotic cells, and specialised techniques such as nucleic acid sequencing and DNA footprinting.

Courses: SC01  Prerequisites: LSB537  Credit points: 12  Contact hours: 5 per week
UNIT SYNOPSES

■ LSB640 MOLECULAR PATHOGENESIS & DISEASE DIAGNOSIS 2
Lectures dealing with the molecular aspects of pathogenesis and diagnosis of diseases. A number of haematological, neuro-degenerative disorders, and certain cancers are addressed.
Courses: LSB37  Prerequisites: LSB540
Credit points: 8  Contact hours: 2 per week

■ LSB647 CLINICAL MICROBIOLOGY
Focuses on parasitology, virology and mycology components. Parasitology studies will be directed towards the laboratory diagnosis of parasitic disease in humans. It will consist of a systematic study of identification, life history, incidence, modes of infection, epidemiology and control of parasites infecting humans. Clinical virology will include a study of viral compositions, morphologies and life cycles, cell culture and viral CPE, diagnostic methods, pathogenesis and control of viral infections and detailed discussion of important viral diseases of humans. Clinical mycology will involve studying the classification of mycoses, collection and treatment of clinical material for the mycological culture and characterisation/identification of fungi responsible for superficial, cutaneous, subcutaneous and systemic infections of humans.
Courses: SC30  Prerequisites: LSB428
Credit points: 12  Contact hours: 4 per week

■ LSB648 MICROBIAL TECHNOLOGY
An advanced course of lectures and practical sessions comprising sections A and B: Section A Microbial Biotechnology deals with the industrial use of microorganisms. Topics include: large-scale fermentation; product recovery; biochemical engineering; microbial fermentation of food products; primary & secondary metabolites of industrial importance; microbial genetics; molecular phylogeny and taxonomy. Section B Molecular Microbiology focusses on both nucleic acid and protein based methods for the initial detection of microorganisms including DNA probe and PCR as well as differentiation of microorganisms into their correct genus, species or strain using restriction endonuclease, plasmid, RAPD-PCR and DNA sequence typing.
Courses: SC30  Prerequisites: LSB428
Credit points: 12  Contact hours: 5 per week

■ LSB650 HAEMATOLOGY 3
There are 2 major sections in this unit: abnormalities of haemostasis and leucocyte disorders. Topics discussed in this unit include: coagulation factor disorders – hereditary and acquired; fibrinolysis; thrombosis; anticoagulant therapy; platelet disorders; leucocyte disorders – non-malignant and malignant; overview of paediatric haematology; introduction to veterinary haematology.
Courses: LS37  Prerequisites: LSB550
Credit points: 8  Contact hours: 4 per week

■ LSB657 PERSPECTIVES IN LIFE SCIENCE
Positive and negative aspects of humanity’s utilisation of resources (especially biological resources) are critically analysed. Topics include the history and philosophy of science, ethics in animal experimentation, ownership of valuable species, control of use and release of genetically-engineered organisms, and major current consequences of resource use: food production, health care, shelter, employment, pollution, loss of soil, loss of biodiversity. Students are encouraged to distinguish between scientifically established facts and current hypotheses concerning the futures of humanity and the biosphere, and to consider what strategies might permit truly sustainable use of biological resources.
Courses: ED50, SC30  Prerequisites: LSB118 or LSB122
Credit points: 12  Contact hours: 4 per week

■ 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: SC30  Prerequisites: LSB358, LSB458
Credit points: 12  Contact hours: 5 per week

■ LSB660 HISTOPATHOLOGY 3
Reviews recent advances in diagnostic histopathology and introduces advanced and specialised methods including scanning electron microscopy and X-ray microanalysis. Techniques for diagnostic cytology concentrating on specimen preparation and the microscopic detection of cancerous and other abnormal cells in human tissues and body fluids.
Courses: LS37  Prerequisites: LSB550
Credit points: 8  Contact hours: 4 per week

■ LSB697 PLANT BIOTECHNOLOGY
Advanced unit dealing with a practical and theoretical understanding of mechanisms for genetic manipulation of plants; the application of genetic transformation to improve plants; the application of molecular biological techniques to conventional plant breeding; the use of plants as bioreactors and aspects of commercial release of genetically engineered plants.
Courses: SC30, SC01  Prerequisites: LSB537
Credit points: 12  Contact hours: 5 per week

■ LSB698 MOLECULAR PATHOGENESIS & DISEASE DIAGNOSIS 2
Lectures, tutorials, workshops and practical classes dealing with the molecular aspects of pathogenesis and diagnosis of diseases. A number of haematological, neuro-degenerative disorders, and certain cancers are addressed. The practical classes make use of current technologies and highlight their use in analysis and diagnosis.
Courses: SC30  Prerequisites: LSB598
Credit points: 8  Contact hours: 2 per week

■ 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 research 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

■ LSF002 LIFE SCIENCE
Examines the nature of life; the concept of classification as a necessary prerequisite to any systematic study of life; the cell as the basic structural unit of life; plant and animal physiology; genetics, both Mendelian, molecular and evolutionary.
Contact hours: 5 per week

■ 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 5,000 words.

Courses: IF49, SC80
Credit points: 12
Contact hours: 1 per week

■ 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: 12

■ LSN102 CELLULAR BASIS OF DISEASE

Courses: LS70, LS80
Credit points: 12
Contact hours: 3 per week

■ LSN110 MOLECULAR BASIS OF DISEASE
The aetiology, diagnosis and treatment of various diseases; study of molecular structures, biochemical reactions, integration and control of metabolism. Topics include: gene structure and function, proteins; structure and molecular dysfunction, and enzymes; properties and alterations in diseases; metabolic integration and hormone action, hormones and organ disease, disorders of carbohydrate and lipid metabolism and chemotherapy.

Courses: LS70, LS80
Credit points: 12
Contact hours: 3 per week

■ LSN150 ETHICS & LIFE SCIENCES
Focuses on the ethical implications of contemporary issues (including informed consent, gene therapy, abortion, ethics committees, organ transplantation and supply including issues concerning foetal tissues) and provides background knowledge in epidemiological methods and research strategies.

Courses: LS70, LS80
Credit points: 12
Contact hours: 3 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ LSN510 CLINICAL BIOCHEMISTRY 1
The use of clinical biochemistry in the diagnosis of diseases. Disorders of fluid and electrolyte balance systems, disorders of the gastrointestinal, pancreatic and hepato-biliary systems, and disorders of the cardiovascular system and hypertension are studied, concentrating on diagnosis and the interpretation of biochemical results. In addition, aspects of instrumentation and laboratory methods are reviewed.

Courses: LS80
Prerequisites: 96 credit points in LS80
Credit points: 12
Contact hours: 3 per week

■ LSN511 HAEMATOLOGY 1
Haematologic diseases; their aetiology, laboratory investigation, pathogenesis, principles of treatment and laboratory monitoring. The study program includes seminars, oral presentations and assignments selected from: haemopoietic kinetics, haemolytic disease, haemostasis and the haematologic implications of systemic disease. Assessment is by formal examination, assignments and seminar participation.

Courses: LS80
Prerequisites: 96 credit points in LS80
Credit points: 12
Contact hours: 3 per week

■ LSN512 HISTOPATHOLOGY 1
Recent advances and modern methods in diagnostic histopathology. Topics include: immunohistochemistry, enzyme histochemistry and transmission electron microscopy methods.

Courses: LS80
Prerequisites: 96 credit points in LS80
Credit points: 12
Contact hours: 3 per week

■ LSN515 MICROBIOLOGY 1
Bacteriology, virology, mycology and parasitology. Topics are chosen to increase the knowledge and understanding of micro-organisms associated with human infection. Recent trends and developments in diagnostic microbiology are studied. A critical approach to the assessment of laboratory practices and interpretation of data is developed.

Courses: LS80
Prerequisites: 96 credit points in LS80
Credit points: 12
Contact hours: 3 per week

■ LSN517 IMMUNOLOGY 1
Information retrieval systems and scientific writing. Five essay topics are selected following discussion with students, supervisor/employer.

Courses: LS80
Credit points: 12
Contact hours: 3 per week

■ LSN518 DIAGNOSTIC CYTOLGY 1
Review of recent advances and modern methods in diagnostic cytology. The major topics are in gynaecological cytology.

Courses: LS80
Credit points: 12
Contact hours: 3 per week

■ LSN610 CLINICAL BIOCHEMISTRY 2
Clinical biochemistry in the diagnosis of diseases. Endocrinology, disorders of the muscular and skeletal systems, disorders of special groups, nutrition and drugs, neurochemistry and neural disorders, cancer-associated biochemical abnormalities, and seriously ill patient are studied, concentrating on diagnosis and the interpretation of results.

Courses: LS80
Prerequisites: LSN510
Credit points: 12
Contact hours: 3 per week

■ LSN611 HAEMATOLOGY 2
Topics include: age-related changes to the haemopoietic system, perinatal haematology, paediatric haematology and haemostasis in the elderly, nutrition anemias, non-malignant and malignant leucocyte disorders, transplantation, automation and quality control. Since outside lecturers participate in these specialist electives some interchange of topics between this unit and LSN511 may be necessary.

Courses: LS80
Prerequisites: LSN511
Credit points: 12
Contact hours: 3 per week

■ LSN612 HISTOPATHOLOGY 2
Methods in diagnostic histopathology. The design and assessment of diagnostic programs to aid the identification of tumours and diseases of selected organ systems. Specialised techniques including aspiration cytology, scanning electron microscopy and analytical electron microscope methods.

Courses: LS80
Prerequisites: LSN512
Credit points: 12
Contact hours: 3 per week
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: LSN710
Credit points: 12
Contact hours: 5 per week

LSP128 PROTEIN BASED DIAGNOSTIC TECHNOLOGIES
A series of lectures and invited seminars (presented by members of the CRC for Diagnostic Technologies) on topics such as: (i) protein engineering of antibody fragments; (ii) phage display libraries; (iii) developing antigen/antibody test formats for infectious diseases; (iv) new tests of ELISA assays; (v) immobilisation of antigen/antibody detection assays.
Courses: LSN71
Credit points: 12
Contact hours: 2 per week

LSP129 DNA BASED DIAGNOSTIC TECHNOLOGIES
A series of lectures and invited seminars (presented by members of the CRC for Diagnostic Technologies) on topics such as: (i) advanced applications of PCR for diagnosis of infectious and genetic diseases; (ii) alternative methods to the use of PCR for diagnosis such as ligase chain, QB, SDA, RDR; (iii) in situ gene detection; (iv) FNHC diagnosis of genetic diseases; (v) DNA typing of humans, animals, plants, and microorganisms; (vi) the transition from research to commercial applications.
Courses: LSN71
Credit points: 12
Contact hours: 2 per week

LSP135 HUMAN MOLECULAR BIOLOGY
Specialist lectures and research assignments for postgraduate students relating to the organisation and regulation of expression of information stored in the human genome. Additional subject areas include the molecular basis of genetic disorders, infectious disease; and clinical applications of nucleic acid diagnostic procedures, for example linkage analysis, DNA profiling, genetic screening. FOR FURTHER INFORMATION (WWW) http://www.life.scu.edu.au/teaching_material/overview.htm
Courses: LSN70, LSN71, LSN80
Prerequisites: LSB637
Credit points: 12
Contact hours: 5 per week

LWB131 LAW IN CONTEXT
The varied contexts of law: including notions of what is law and its relationship with the social, political and economic fabric of society; how law is made, developed and changed in modern society; an examination of traditional doctrinal approaches to law from critical and theoretical perspectives; the judiciary, lawyers and access to justice.
Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 12
Contact hours: 3 per week

LWB132 CONTRACTS
Formation of contracts; equitable estoppel; privity of contract; formalities; express and implied terms; discharge of contracts (performance, breach, agreement, frustration); remedies; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality). An examination of promises which are legally binding, how contractual promises may be characterised and the significance of that characterisation and how contractual promises may be discharged or invalidated. Topics include formation of contracts; equitable estoppel; privity; formalities; terms; discharge; performance; agreement; frustration; remedies; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality).
Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX32, LX33
Credit points: 24
Contact hours: 3 per week
Incompatible with: LWB102

LWB133 TORTS
The Law of Torts is fundamental to an understanding of how the Australian Legal System operates to compensate the physical and/or financial harm one person suffers as a result of another’s wrongdoing. The principles and rules of the law of torts are examined to ascertain whether they achieve outcomes which are consistent with contemporary legal and social values.
Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX32, LX33
Credit points: 24
Contact hours: 3 per week
Incompatible with: LWB103

LWB134 RESEARCH & LEGAL REASONING
Research focuses on legal research methodology and the use of legal research sources, in both print and computer format. Legal Reasoning focuses upon the doctrine of precedent and other methods of legal reasoning including induction, deduction and policy considerations.
Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX32, LX33
Credit points: 12
Contact hours: 2 per week

LWB135 LEGISLATION
Legislation (Acts of Parliament and delegated legislation) is the source of a very high and increasing proportion of law within the Australian system. An ability to understand the legislative process and the ability to find, read and interpret legislation provide some of the essential building blocks and background to the study and practice of statute-based areas of the law. Such areas constitute the majority of later year units. This unit also examines the gestation process of legislation including the demand for legislation, its preparation process,
the Parliamentary process associated with its enactment, and its potential to adversely affect individual rights and liberties. Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 12 Contact hours: 3 per week

■ 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: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 12 Contact hours: 3 per week Incompatible with: LWB203 and LWB311

■ LWB232 CRIMINAL LAW & PROCEDURE
The criminal law in force in Queensland; criminal responsibility; parties to offences; major indictable offences. The wider context of the operation of the criminal law; penal principles and the justifications for imposing punishment by the State; aspects of the disposition of offenders in the sentencing part of a criminal trial; imprisonment and release procedures. Courses: IF31, IF33, IF34, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 24 Contact hours: 3 per week Incompatible with: LWB202

■ LWB233 PROPERTY 1
The general principles of property law: the nature of property; ownership and title and the differences between various types of property; Aboriginal native title and the rules relating to real property, including the Torrens system and major interests in land. Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 24 Contact hours: 3 per week Incompatible with: LWB201

■ LWB234 EQUITY AND TRUSTS
The major principles of equity and trusts including: the nature and history of equity; equitable estates interests and priorities; confidential information; fiduciary relationships including third party liability for breach of fiduciary obligations; select examples of unconsolable; principal equitable remedies; the nature, description and classification of express trusts; the creation of express trusts; purpose trusts; the legality of trusts; and trusteeship. Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 24 Contact hours: 3 per week Incompatible with: LWB301

■ 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: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 8 Corequisites: LWB132, LWB233 and LWB234

■ LWB306 LOCAL GOVERNMENT AND PLANNING LAW
The sources of law for the planning and development of cities, towns and shires; public participation rights; dispute resolution procedures and structures; the integrated development assessment system; related legislation such as the Environmental Protection Act 1994. Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 8 Contact hours: 2 per week

■ 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: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Corequisites: LWB132 & LWB34
Credit points: 12 Contact hours: 2 per week

■ 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 our own lives. 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: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 8 Contact hours: 2 per week

■ 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: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 8 Contact hours: 2 per week

■ LWB312 REAL ESTATE TRANSACTIONS
An analysis of a land transaction through the principles involved in the construction of contracts for the sale of land, with special emphasis on the standard REIQ Contract Terms of Sale (1998) in use in Queensland. There is also reference to conveyancing of lots under the Body Corporate and Community Title Management Act 1997 and Land Sales Act 1984. Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 8 Contact hours: 2 per week

■ 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: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 8 Contact hours: 2 per week

■ LWB315 JESSUP INTERNATIONAL LAW MOOT
The Philip C. Jessup International Law Moot, run under the auspices of the American Society of International Law, is a premier mootering competition in the world attracting participants.
from every major jurisdiction. The competition requires the ability to research, analyse, apply and communicate (both orally and in written form) legal argument with respect to a complicated problem in Public International Law. Members of the QUT team will participate in the joint preparation of two memorials (one for the applicant and one for the respondent) satisfying the requirements of the Official Rules of the competition, with respect to the contents of and issues raised by the problem for the given year. Some or all of the team members will then present oral arguments in the Australian rounds of the Jessup Moot competition, and at the international rounds in the United States if the team wins the Australian round.

Courses: IF31, IF33, IF34, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

Prerequisites: Mooted as a barrister.

Credit points: 12

Contact hours: As needed in December, January and February

**LWB316 JESSUP INTERNATIONAL LAW MOOT II**

The Philip C. Jessup International Law Moot, run under the auspices of the American Society of International Law, is a premier moot competition in the world attracting participants from every major jurisdiction. The competition requires the oral and written skills of a good advocate, namely analysis, application and communication (both orally and in written form) legal argument with respect to a complicated problem in Public International Law. Members of the QUT team will participate in the joint preparation of two memorials (one for the applicant and one for the respondent) satisfying the requirements of the Official Rules of the competition, with respect to the contents of and issues raised by the problem for the given year. Some or all of the team members will then present oral arguments in the Australian rounds of the Jessup Moot competition, and at the international rounds in the United States if the team wins the Australian round.

Courses: IF31, IF33, IF34, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

Credit points: 12

Contact hours: As needed in December, January and February.

**LWB331 ADMINISTRATIVE LAW**

The law relating to judicial and merits review of executive decision making and control of government officials and public authorities, especially where the exercise of power affects the rights and interests of individuals.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

Prerequisites: LWB231

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB311

**LWB332 COMMERCIAL & PERSONAL PROPERTY LAW**

Fundamental concepts of personal property law (including possession and ownership); the concept of negotiability; transfers of and dealings in personal property; protection of personal property interests; agency; bailment; sale of goods.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

Corequisites: LWB233

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB303

**LWB333 THEORIES OF LAW**

The legal theories of industrialised society; historical contexts; underlying values and assumptions; economic, political and social objectives; the practical consequences of application to legal and social problems.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

Prerequisites: LWB131

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB305

**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 concentrate some of their studies in the corporations and commercial area.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

Credit points: 12

Contact hours: 3 per week

Incompatible with: LWB401

**LWB353 SELECT ISSUES IN LAW & GOVERNMENT**

Provides students with a forum to apply their knowledge of fundamental principles of judicial review and legal control of government (acquired in the core units LWB231 and LWB331) to particular areas. The unit also deals with areas not covered in the core units, such as government liability in tort and contract, privacy and whistleblower protection.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

Prerequisites: LWB231, LWB331

Credit points: 8

Contact hours: 2 per week

**LWB354 ADVANCED CIVIL PROCEDURE**

This elective unit builds on Civil Procedure (LWB431) providing advanced litigation skills focusing on interlocutory and summary procedures. Content includes file management, affidavits, caseflow management, interrogatories and conducting personal injuries litigation – Motor Accident Insurance Act, WorkCover Queensland Act.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41 LX31, LX32, LX33

Prerequisites: LWB431

Credit points: 8

Contact hours: 2 per week

**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. Regular attendance is necessary for successful completion of this unit.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

Prerequisites: LWB432

Credit points: 8

Contact hours: 2 per week

**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 canvassed together with the effect of the general anti-avoidance provisions in the taxation legislation.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

Prerequisites: LWB364

Credit points: 12

Contact hours: 3 per week

**LWB361 DRAFTING**

This skills unit uses an interactive practical approach in teaching students the rules in drafting private legal documents in plain English. The general rules are considered first and then applied in drafting documents and parts of documents from the areas of conveyancing contracts (residential and commercial land, and businesses), options, leases, mortgages and guar-
antees. Stamp duty is also dealt with because of the close relationship stamp duty has with documents of various kinds.

**Courses:** IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW31, LW33, LW41, LX31, LX32, LX33

**Credit points:** 8

**Contact hours:** 2 per week

**LWB363 INSURANCE LAW**

Risk management, in particular insurance, will play an increasingly significant role in modern commercial life. Insurance however is not limited to the commercial sphere but spans a wide variety of subject matter, including compulsory schemes such as third party motor vehicle insurance and workers compensation.

**Courses:** IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

**Credit points:** 8

**Contact hours:** 2 per week

**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 income. 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 consideration of the general anti-tax avoidance provisions.

**Courses:** IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW31, LW33, LW41, LX31, LX32, LX33

**Credit points:** 12

**Contact hours:** 3 per week

**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, trusts, joint ventures, 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:** IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LX31, LX32, LX33

**Credit points:** 8

**Contact hours:** 2 per week

**LWB367 LAW OF CORPORATE GOVERNANCE**

A specialised unit providing an examination of the two organs which govern a company; the board of directors and the company in general meeting. The unit will examine in some detail particular aspects of the law applicable to these bodies, for example some of the duties affecting directors; topical issues such as directors interests in contracts; the role of waiver of breaches and improprieties; members rights and protection; relevant aspects of meeting law; an examination of the roles of the Australian Securities Commission and the Australian Stock Exchange.

**Courses:** IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

**Prerequisites:** LWB334

**Credit points:** 12

**Contact hours:** 3 per week

**LWB406 FUNDAMENTALS OF PUBLIC INTERNATIONAL LAW**

The legal rules which govern the activities of nations between themselves and with international organisations, such as the UN; the creation of international law: 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:** IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

**Credit points:** 8

**Contact hours:** 2 per week

**LWB407 PRIVATE INTERNATIONAL LAW**

The body of law governing the resolution of private legal problems with a significant foreign (or inter-state) element. Topics studied include: jurisdiction of domestic courts to determine matters having a foreign element; enforcement of foreign judgments in the domestic jurisdiction; choice of law for the resolution of the dispute, both generally and in relation to family law, contract, tort, property and succession.

**Courses:** IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

**Credit points:** 12

**Contact hours:** 3 per week

**LWB410 RESTRICTIVE TRADE PRACTICES**

An overview of the anti-competitive practices which are proscribed by Part IV 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 and/ or where appropriate notification from the Australian Competition and Consumer Commission. The access provisions of Part III A will also be considered.

**Courses:** IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

**Credit points:** 8

**Contact hours:** 2 per week

**LWB412 RESEARCH & WRITING PROJECT**

A supervised piece of research on a legal topic, and the writing of a paper between 8000 and 10000 words on that topic. The 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 Director (Research in Programs), Associate Professor Bryan Horrigan, 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:** IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW31, LW33, LW41, LX31, LX32, LX33

**Prerequisites:** students should be in their final 2 years of the degree

**Credit points:** 8

**Contact hours:** 2 per week

**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 resolutions, the structures and processes of litigation conducted in the Supreme Court; jurisdiction, client care, originating process, appearance, parties, service, default judgement, pleading, disclosure, charger applications, subpoena, settlement, trial, appeal, costs and enforcement.

**Courses:** IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** LWB404

**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:** IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** LWB402

**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: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF40, IF41, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 12  Contact hours: 3 per week

LWB434 ADVANCED RESEARCH AND LEGAL REASONING
Exploration of suitable theoretical frameworks for understanding Australian legal reasoning generally; topical developments in substantive areas of law by way of illustration of the theoretical models. Advanced skills of legal research, analysis, problem-solving, and writing; suitable theoretical frameworks for understanding Australian legal reasoning generally; topical developments in substantive areas of law by way of illustration of the theoretical models.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Prerequisites: LWB134
Credit points: 12  Contact hours: 3 per week

Incompatible with: LWB415

LWB451 ALTERNATIVE DISPUTE RESOLUTION
An introduction to theories of conflict and conflict resolution; an examination and critique of the range of dispute resolution processes available outside of the adversarial system; an examination of the integration of alternative dispute resolution processes into the judicial process and basic skills training in communication, negotiation and mediation.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX32, LX33
Credit points: 8  Contact hours: 2 per week

LWB452 ASIAN LEGAL SYSTEMS
This unit provides a general overview of the legal systems of East Asia. It introduces students to the different legal cultures of the region, and study is structured to bring out the similarities as well as differences between the relevant legal systems. A broad approach is taken: students consider the systems’ historical development, the cultural background of the society in which the law works, and the formal structures of government before examining whether there is a large gap between ‘law in books’ and ‘law in practice’. Among the countries studied are China, Japan, Taiwan, Indonesia, Malaysia and Singapore. Successful students are given an opportunity for summer clerkship with Malaysian lawyers.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Prerequisites: None, but a knowledge of public (or constitutional) law will be advantageous
Credit points: 8  Contact hours: 2 per week

LWB454 BANKING & FINANCE LAW
The legal incidents of the banker-customer relationship; the principles governing the operation of and liability with respect to negotiable instruments; the liability of banks with respect to misappropriated cheques; the law governing documentary letters of credit.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 8  Contact hours: 2 per week

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.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 12  Contact hours: 8 per week

LWB458 CONSUMER PROTECTION
The course will deal with the Trade Practices Act 1974, and equivalent State Fair Trading legislation. It will be divided into two broad parts, the first dealing with misleading and other unfair practices, and the second with the product liability provisions found in Part V and Part VA. Unconscionable conduct is also considered.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 8  Contact hours: 2 per week

LWB461 PRIVATE LAW REMEDIES
Students develop an overall perspective on and deeper understanding of the subject of remedies. The unit is designed to give students a knowledge of the principles underlying the availability of various private law remedies, and to introduce students to an understanding of the circumstances which may give rise to a claim for restitution. It also develops a knowledge and understanding of the choice and range of private law remedies and defences and the capacity to make sound judgments in electing which remedies to pursue against a background of heterogenous fact situations.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Prerequisites: LWB132, LWB133, LWB234
Credit points: 8  Contact hours: 2 per week

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, contempt, privacy and copyright.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 8  Contact hours: 2 per week

LWB482 LAW & INFORMATION TECHNOLOGY
Examines the role of computers in legal practice and the body of law that has arisen in relation to computers, computer applications and the internet. No background computer or legal knowledge is necessary.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 8  Contact hours: 2 per week

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 and fitness to plead; medical records and evidence; ownership and confidentiality of records, expert evidence: the duty to treat; complaints against hospitals and health care workers.

Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Prerequisites: LWB131, LWB133
Credit points: 8  Contact hours: 2 per week

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: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41, IF43, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 8  Contact hours: 2 per week
LWB486 INTELLECTUAL PROPERTY LAW
The most significant of the legislative enactments creating or
protecting intellectual property in Australia, including those
governing copyright, designs, patents and trade marks; appli-
cation of the common law, particularly confidential informa-
tion and passing off.
Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40, IF41,
IF31, LW33, LX31, LX32, LX33
Credit points: 12
Contact hours: 2 per week

LWB487 MARITIME LAW
Examines the laws governing shipping, an essential feature of
commerce for Australia as an island nation. Topics covered in-
clude shipping contracts, such as charterparties and bills of lad-
ing, international rules governing the sea carriage of cargo (the
amended Hague Rules and Hamburg Rules) and marine insurer-
ance, as well as matters affecting the conduct of ships such as
collisions, salvage, oil pollution and limitation of liability.
Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF39, IF40,
IF41, LW31, LW33, LW41, LX31, LX32, LX33
Credit points: 12
Contact hours: 2 per week

LWB492 SECURITIES
Examines security interests commonly taken by providers of
credit when advancing money. One of the more common se-
curities 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 ex-
amined are guarantees, bills of sale over personal property
and possessory liens. Because the Consumer Credit Code regu-
lates 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.
Prerequisites: LWB132 Contracts; LWB233 Property 1
Credit points: 12
Contact hours: 3 per week

LWB494 PRINCIPLES OF SENTENCING
This unit seeks to examine in detail the principles underlying
the sentencing of offenders, firstly by examining the theories
of punishment and how they are employed in practice (for
example, under the Penalties and Sentences Act 1992 (Qld));
and secondly, by looking at particular issues in sentencing;
for example, sentencing different classes of offenders.
Courses: IF31, IF33, IF34, IF35, IF36, IF37, IF38, IF40, IF41,
IF43, LW31, LW33, LW41, LX31, LX32, LX33
Prerequisites: LWB232 or JSB022 and JSB024
Credit points: 8
Contact hours: 2 per week

LWF001 LAW 1
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 alterna-
tive methods of dispute settlement. Students also examine the
fundamental elements of the law of torts (negligence, defa-
mination, nuisance, assault and battery and trespass to land),
employment and industrial relations.
Contact hours: 2 per week

LWF002 LAW 2
Introduces students to the law of contract, principal and agent
and consumer protection. Students examine 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.
Students also examine the meaning of agency and the rights,

duties and liabilities of a principal and agent. The area of con-
sumer protection is covered through an examination of re-
levant parts of the Sale of Goods Act 1896, the Trade Practices
Contact hours: 5 per week

LWN003 ADVANCED FAMILY LAW
A detailed examination of the law, policy and underlying prin-
ciples of selected areas of Family Law including: jurisdic-
tion; financial aspects of marriage and divorce; children; mari-
tal and non-marital relationships. Where appropriate, com-
parisons with other countries are used and the impact of
treaties is considered.
Courses: LW50, LW51, LW60
Credit points: 24
Contact hours: 2 per week

LWN017 RESTITUTION 1
The law of restitution is concerned with those cases where a
plaintiff obtains a money remedy and/or recovers property
from a defendant who has been unjustly enriched by the re-
ceipt of money or other benefits at the expense of the plain-
tiff. Theoretical basis and scope of restitutionary claims
and defences to them and their relationship with those claims
founded on the traditional common law obligations, torts and
contract and the law of property are considered.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 26

LWN018 CONTEMPORARY EQUITABLE
DOCTRINES, PRINCIPLES & REMEDIES
Aspects of the principles of equity in the context of express,
resulting and constructive trusts including the creation of trusts,
the nature of equitable proprietary interests, proprietary rem-
edies for the recovery of property in equity including equita-
ble charges and liens and various aspects of tracing in equity,
particularly in the context of bankruptcy and insolvency. Some
aspects of resulting trusts are considered in relation to illegal-
ity and in relation to determining the ownership of property.
Various aspects of constructive trusts are also considered, in-
cluding the nature of the constructive trust, the acquisition of
property by a fiduciary, the acquisition of property on death,
the acquisition of land under an oral agreement or trust, un-
conscionable conduct in the context of undue influence,
unconscientious dealing, estoppel and in the context of deter-
mining the equitable ownership of property.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN021 BANKING & FINANCE LAW 1
Topics include: overview of the legal framework of the Aus-
tralian banking and finance industry; money and legal tender;
foreign exchange transactions; banker and customer and inci-
dents of that relationship; bank accounts and dealings in rela-
tion to such accounts; bills of exchange, promissory notes and
cheques; collecting bank and paying bank; the clearing system.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN022 BANKING & FINANCE LAW 2
Topics include: banking instruments including documentary
and standby credits, performance bonds and bank guarantees;
electronic banking; the role of bankers as financiers and spe-
cific financing methods such as bill line facilities and foreign
currency loans; securities for finance including company se-
curities; default and insolvency and its impact on bankers.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN025 RESEARCH PROJECT 1A
A supervised research project over one semester approved by
the Research and Postgraduate Studies Committee. Students
may undertake up to 48 credit points of Research Projects
with the approval of the Director of Research and Postgradu-
ate Studies.
Courses: LW50, LW51, LW60
Credit points: 24

LWN026 RESEARCH PROJECT 2A
A supervised research project over the whole year approved by
the Research and Postgraduate Studies Committee. Stu-
dents may undertake up to 48 credit points of Research Projects
with the approval of the Director of Research and Postgradu-
ate Studies.
Courses: LW50, LW51, LW60
Credit points: 24
[LWN029] THEORETICAL CRIMINOLOGY
Traces the development of theories of crime from the Enlightenment to the present day. Free will, biological, psychological and psychiatric theories are all canvassed. Special attention is paid to current theoretical debate and developments.
Courses: LW51, LW50, LW60
Credit points: 12
Contact hours: 2 per week

[LWN030] DISPUTE RESOLUTION/MEDIATION
A study of mediation looking at both the theory and practice. Students are expected to be involved in a number of class workshops to learn mediation skills; therefore an attendance rate of 80 per cent (that is 11 out of 14 classes) is necessary to gain a mark in the unit. Issues include: mediation in Australia; theories of mediators; different forms of mediation, i.e. 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
Credit points: 12
Contact hours: 2 per week

[LWN032] CREDIT FOR UQ SUBJECT 1
Under the course rules, a coursework student may, with the prior approval in writing of the Deans of the Faculties of Law of QUT and of the University of Queensland, undertake any combination of whole year and one semester units offered in the LLM degree by Coursework at the University of Queensland which are equivalent to no more than 48 credit points. This unit code represents a one-semester unit taken pursuant to that course rule at the University of Queensland.
Courses: LW50, LW51, LW60
Credit points: 12

[LWN033] CREDIT FOR UQ SUBJECT 2
See LWN032.
Courses: LW50, LW51, LW60
Credit points: 12

[LWN034] CREDIT FOR UQ SUBJECT 3
See LWN032.
Courses: LW50, LW51, LW60
Credit points: 24

[LWN035] MEDICO-LEGAL ISSUES
The Constitutional framework supporting the regulation of health care; the relationship between the individual and the health-care provider in terms of consent to treatment and negligence; organ and tissue donation; powers of attorney; the impact of the criminal law, abortion, removal from life support systems; medical records and expert evidence; ownership and confidentiality of records; the role of the coroner; complaints against health-care workers.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 26

[LWN036] SELECT ISSUES IN INTELLECTUAL PROPERTY LAW
Select issues of intellectual property law covers a range of contemporary issues in the broad field of intellectual property law. Whilst not compulsory, it is strongly recommended that students undertake the unit LWN099 Intellectual Property Law before commencing this unit.
Courses: LW51, LW50, LW60
Credit points: 12
Contact hours: 2 per week

[LWN039] 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: LW51, LW50, LW60
Credit points: 12
Contact hours: 2 per week

[LWN040] THEORIES OF JUSTICE 1
Centrally concerned with and/or clarifying the assumptions which underpin arguments about what is just or unjust within various spheres of contemporary Australian society. The unit provides a framework for evaluating the relative usefulness of various theories of justice in terms of their theoretical implications and practical applications. The unit focuses on the interface between justice postmodernism and the law.
Courses: LW51, LW50, LW60
Credit points: 12
Contact hours: 2 per week

[LWN042] THEORIES OF JUSTICE 2
Extends and develops the framework introduced in Theories of Justice 1. 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 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: LW51, LW50, LW60
Credit points: 12
Contact hours: 2 per week

[LWN043] LAW RELATING TO PUBLIC & OFFICIAL CORRUPTION
Consideration of Chapter 6 of the Corporations Law which regulates acquisitions of shares affecting a change in a company’s control. Both practical perspectives and conceptual analysis are emphasised.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 26

[LWN045] LAW RELATING TO PUBLIC & OFFICIAL CORRUPTION
Concept of public duty; response of the general law; anti-corruption models; investigation and prosecution of official corruption from the perspective of the Criminal Law.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

[LWN046] ADVANCED PLANNING LAW
A detailed study of town planning law with special emphasis on the following: relevant Queensland legislation and in particular the Local Government Planning & Environment Act 1990 and the impact of the planning, environmental and development assessment. The implementation, structure and operation of town planning schemes, Strategic Plans and their legal effect. The role and jurisdiction of the Planning & Environment Court, its Rules of Court, rights of appeal therefrom and the power of costs. Applications for town planning consent, rezoning and subdivision of land and relevant considerations in connection therewith. The rights and obligations of objectors, objector appeals and appeals by applicants. Reasonable and relevant conditions in certain specified case areas together with an examination of relevant case law applicable thereto. Existing and non-conforming uses; other legislation impacting on town planning. Prior experience in town planning is not a prerequisite.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

[LWN047] LEGAL EDUCATION
An introduction to the main schools of thought on legal education. A review of legal education from an historical and sociopolitical 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 considering student approaches to learning, adult learning theory and learning styles; consideration of 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: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN048 ADVANCED LEGAL RESEARCH
The concepts, techniques, aims and methods of legal research and other research relevant to an interdisciplinary perspective. Extensive training in finding source material, including 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 also 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: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN049 INTERNATIONAL ENVIRONMENTAL LAW
The development of international environmental law; state responsibility for environmental protection; conservation of biological diversity; climate changes; protection of the atmosphere; protection of wildlife and habitats; hazardous wastes and toxic chemicals; conservation of the world heritage; international trade and the environment; international dispute resolution; enforceability of international legal regimes.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN050 RESTRICTIVE TRADE PRACTICES LAW
Concerned with an analysis of those sections of the Trade Practices Act dealing with horizontal and vertical restraints of competition, misuse of market power, and mergers. These substantive prohibitions are intended to regulate competition in markets. The early part of the course focuses on basic concepts such as markets, competition, and market power. The main part of the course is concerned with analysing the elements of each of the substantive prohibitions contained in Part IV of the Act and the way in which they may apply to various agreements and business practices. 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 Consumer Commission, the Tribunal and the courts.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN051 CONSUMER PROTECTION & 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, banking transactions 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: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN052 CIVIL PROCEDURE – THEORY & PRACTICE
Focuses on topics of current interest or difficulty in civil procedure. The Uniform Civil Procedure Rules, Court Forms and practice directions are considered in the light of the theories of civil procedure, current reform initiatives, and tactics involved in dispute resolution. This unit offers an opportunity for students to deepen and broaden their legal education in a way related directly to professional practice. Topics covered include: directions in civil justice reform; Uniform Civil Procedure Rules and Court Forms; case flow management; case appraisal; tactics and strategies; mediation negotiation and dispute resolution; class & representative actions; disclosure and writs of non-party discovery; costs; contingency fees; pleading; summary decisions; discretion and managing the trial process; and technology in the court room.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN053 RESEARCH PROJECT 1B
See LWN025.

Courses: LW50, LW51, LW60
Prerequisites: LWN025
Credit points: 12

LWN054 CONTEMPORARY COMMERCIAL LEGAL ISSUES
Examines the law and practice of contemporary commercial legal issues. Topics covered include: governmental trade practices liability, native title implications for financiers and landholders, third party securities (corporate and personal guarantees and mortgages), Australian foreign investment regulation, civil and criminal liability of directors and corporate advisers, corporate risk management programs, transactions and securities affecting personal property, international sale of goods contracts, fundraising and capital markets, internationalisation of Australian commercial law, civil and criminal liability of the crown and crown employees, client-based research in commercial practice, and paradigm shifts in Australian law and their impact on commercial practice.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN055 CIVIL RIGHTS
The central principles concerning the protection of human rights and the impact of international human rights law on domestic law. Other jurisdictions are compared with the relevant areas of Australian law and practice.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN056 RESEARCH PROJECT 1C
See LWN025.

Courses: LW50, LW51, LW60
Prerequisites: LWN025, LWN053
Credit points: 12
Contact hours: 2 per week

LWN057 RESEARCH PROJECT 1D
See LWN025.

Courses: LW50, LW51, LW60
Prerequisites: LWN025, LWN053, LWN056
Credit points: 12
Contact hours: 2 per week

LWN058 RESEARCH PROJECT 2B
See LWN026.

Courses: LW50, LW51, LW60
Prerequisites: LWN026
Credit points: 24

LWN059 REMEDIES
The theoretical bases of major common law and equitable remedies and the substantive law relating to those remedies; the operation of the law of remedies in Australia and the need for reform of the law of remedies.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

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.
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.
Courses: IF64, LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week
Incompatible with: LWN027

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: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week

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 Germany and the United Kingdom, the European Union, South Africa and countries in North America and the Asia Pacific region.
Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week

LWN064 THEORIES OF CONTEMPORARY LEGAL CRITIQUE
The influence upon legal, political and institutional reform of contemporary legal critiques, especially of race, gender, culture/ethnicity and class.
Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week

LWN065 CONSTRUCTION & 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
Credit points: 12  Contact hours: 2 per week

LWN070 CREDIT FOR UQ SUBJECT 4
See LWN032.
Courses: LW50, LW51, LW60  Credit points: 12

LWN071 CREDIT FOR UQ SUBJECT 5
See LWN032.
Courses: LW50, LW51, LW60  Credit points: 12

LWN072 CREDIT FOR UQ SUBJECT 6
See LWN034.
Courses: LW50, LW51, LW60  Credit points: 24

LWN075 INTERNATIONAL COMMERCIAL TRANSACTIONS
This unit on international trade law addresses the legal problems that arise in the formation and operation of commercial transactions of an international nature. Its scope is largely confined to the sphere of private law. Topics covered include: the international trade law and environment; harmonisation and unification of law; international contracts (characteristics, comparative law, negotiating and drafting, choice of law); international sale of goods (trade terms, standard conditions, uniform law); carriage of goods by sea; payment in a documentary sale, and other financing mechanisms; marketing arrangements (agency, distributorship, subsidiary, joint venture).
Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week
Incompatible with: LWN023

LWN076 INTERNATIONAL COMMERCIAL DISPUTES
This unit addresses legal issues regarding the resolution of commercial disputes in international trade. Mainly concerned with disputes in respect of international commercial relationships of a private law nature. Dispute resolution mechanisms (such as litigation, arbitration and alternative dispute resolution) are examined, and their effectiveness evaluated, in the light of the legal and practical realities in the international trade environment. Students are introduced to a range of commercial practices, national regulation, and international uniform rules, model laws and conventions.

Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week
Incompatible with: LWN023

LWN077 LITIGATION EVIDENCE
Focus is on topics of current interest or difficulty in evidence and advocacy in civil trials. Rules of admissibility in Queensland and federal courts are considered, as well as issues of trial and appellate advocacy. Participants will acquire an appreciation of the dynamics of the adversarial process, understanding of selected principles of admissibility and knowledge of key forensic skills such as examination and cross-examination of witnesses. This unit offers an opportunity for students to deepen and broaden their legal education in a way related directly to their professional needs.
 Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week
Incompatible with: LWN052 pre 1995

LWN078 ADVANCED CRIMINAL EVIDENCE & PROCEEDURE
Addresses selected topics in three core areas: (a) the rules of evidence and procedure in Queensland criminal courts as set out under the common law, the Evidence Act 1977 (Qld), the Criminal Code and related legislation; (b) the rules of evidence and procedure in criminal cases in the Federal Court as set out in the Evidence Act 1995 (Cth); and (c) the rules of evidence and procedure in the criminal courts of New South Wales as set out in the Evidence Act 1995 (NSW). Topics in all areas consider both empirical rules and contemporary issues which present interest or difficulty. The unit also considers issues related to extradition, arrest, the function of the coroner, the committal process, bail and the role of the Queensland Criminal Justice Commission, and the Queensland Crime Commission.
Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week

LWN079 JOINT VENTURES
Examines certain major aspects of this subject including the nature and structure of joint ventures, negotiating and financing of joint ventures, foreign investment, taxation implications of joint ventures, government joint ventures, trade practices and intellectual property rights in joint ventures and dispute resolution between joint venture partners.
Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week

LWN080 SELECT ISSUES IN THE LAW OF OBLIGATIONS
Examines the phenomena which have led to the creation and assumption of legal obligations; the historical, socio-economic and political considerations underpinning the traditional cat-
LWN081 RESTITUTION II
Continues the examination of the theoretical basis of restitutory claims and defences which were defined in LWN017 Restitution I. Students will comprehensively examine the substantive law relating to certain restitutory claims and defences as well as considering the scope and operation of the law of restitution in contemporary Australia and its relationship with torts, contract, equity and property. Topics covered include: legal compulsion, necessity, illegality, subrogation, tracing and restitutory proprietary claims, restitution for wrongs, defences, and conflict of laws.
Courses: LW50, LW51, LW60
Prerequisites: LWN017
Credit points: 12
Contact hours: 2 per week
Incompatible with: Students who have studied both LWN059 and LWN017 pre-1996 are precluded from undertaking this unit.

LWN082 INTELLECTUAL PROPERTY: LITIGATION
Topics covered include: the role of intellectual property litigation in protection of intellectual property rights; the overlap between intellectual property rights and consumer protection; jurisdiction of the courts under the Copyright Act, the Patents Act, the Trade Marks Act, the Registered Designs Act, the Circuit Layouts Act and the Plant Varieties Act, and the general law; the role of international conventions and arrangements in intellectual property litigation; parties to intellectual property litigation; appeals from administrative officers under the various Acts and from single judges; the particular requirements of Order 58 of the Federal Court Rules as they relate tointellectual property litigation; pre-trial processes; pre-trial remedies; interlocutory remedies and steps; limitation periods; the use of the petty patent system and opposition proceedings as a tactic in patent litigation; cross-claims; trials; final relief; exclusive rights vs anti-competitive conduct.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

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
Credit points: 12
Contact hours: 2 per week

LWN084 INTERNATIONAL MARINE POLLUTION LAW
The protection and preservation of the marine environment has developed into an important aspect of marine law. International conventions and agreements, combined with Commonwealth, state and territory legislation has resulted in a complex matrix of laws and practice. The focus of this unit will be an overview of the international regulation of marine pollution, Australia's response to that regulation, and case studies of current issues, with particular reference to the South Pacific region.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN085 INTERNATIONAL LAW OF THE SEA
International law of the sea has always been of importance to island nations such as Australia, but a consideration of this area of law is of increased relevance since the adoption by Australia of the United Nations Convention on the Law of the Sea 1982 (UNCLOS). UNCLOS gives to Australia additional maritime jurisdiction which has implications for Australia's legal, economic, and political relationships with its near neighbours. The focus of this unit will be the development of the law of the sea, Australia's response to that development, and case-studies of current issues, with particular reference to the South-East Asian and Pacific Ocean areas.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN086 SELECTED ISSUES IN PRACTISING LAW
The face of legal practice is changing constantly. Today there are many influences upon the practice of law. This is a time of assessing and reassessing the needs of the legal profession and of the client. Therefore it is timely to consider some of these important and contemporary issues. This unit seeks to address these selected and topical aspects of practising law in the wider context as well as day-to-day.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

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: LW50, LW51, LW60
Credit points: 12
Contact hours: 26

LWN088 GOVERNMENT LAW, POLICY & PRACTICE
Examines key aspects of the law and policy-making process surrounding the development of legislation and the operation of government, especially in Queensland. Topics covered include: the internationalisation of Australian law and policy making, civil and criminal liability of the crown and crown employees, scrutiny of legislation (including Queensland's fundamental legislative principles), grounds for challenging legislation, crown immunity, government contract-making, native title law and practice for the public and private sectors, legal issues in government accountability, the role and function of key bodies in the executive and legislative arms of government, the governmental policy making process and governmental trade practices liability.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN089 CURRENT LEGAL PROBLEMS AFFECTING SPORTS
Sport and the law is a growing area of legal practice. The inter-relationship of the sporting culture, commercialised activities and a wide range of relevant legal areas provides a unique mix for the study of many overlapping areas of law and social policy. Topics covered include: liability of sports organisations and participants for injury or damage; legislative and common law intrusion onto the sporting field; construction, operation and maintenance of sports facilities; the right to control and sanction sport participants; sports medicine legal issues (including drugs in sport); securing sponsorship and endorsement rights; sports marketing and the exploitation of the intellectual and personal property of teams and athletes; industrial relations and sport; broadcasting of sporting events; sports business and trade practices.
Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN090 CORPORATE TAXATION
In conjunction with Taxation of Non-Corporate Entities dealing with partnerships and trusts, this one semester course con-
siders the taxation of entities in a domestic setting in Aus-
tralia (international issues are considered in Taxation of Inter-
national Transactions). Corporate Taxation consists of a
detailed consideration of the income and capital gains tax treat-
ment of companies and shareholders in a context where com-
panies are taxed on a separate basis from their shareholders
but with an imputation system to reconcile in part the treat-
ment of the company and the shareholders, compared to other
entities which are currently taxed on a look through and/or
proxy basis (eg partnerships and trusts.)

Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week

■ LW091 TAXATION OF NON-CORPORATE
ENTITIES
In conjunction with Corporate Taxation, this one semester course
considers the taxation of entities in a domestic setting in Aus-
tralia (international issues are considered in Taxation of Inter-
national Transactions). Taxation of Non-Corporate Entities
consists of a detailed consideration of the income and capital
income which are currently taxed on a separate basis from their shareholders but with an imputation system.

Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week

■ LW092 AUSTRALIAN IMMIGRATION &
CITIZENSHIP LAW
The legal rules which form the backbone of Australias immi-
gration regime continue to be of great importance commer-
cially, socially and politically. Immigration law is becoming
a specialist area, even more so since the introduction of the
Migration Agent Registration Scheme. Topics covered in this
course will include Australian citizenship; the immigration
regime and functions under the Migration Act 1958 and the
Migration Regulations, the role of Government Policies; per-
manent and temporary entry into Australia on family grounds,
on employment grounds, with independent and concessional
visas, relying on business skills, humanitarian entry; process-
ing and other issues common to visa classes; unlawful per-
sons; review of immigration and citizenship decisions; and
Migration Agents Registration Scheme.

Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week

■ LW093 SECURITY FOR COMMERCIAL
LENDING
Considers topics of commercial interest in the area of secu-
rity for commercial lending, concentrating on areas relevant
to real property, corporations, guarantees, alternatives to se-
curity, enforcement, and reform. The focus of this unit is upon
current issues reflecting developments in statutory and case
law in Australia.

Courses: LW51, LW50, LW60
Credit points: 12  Contact hours: 2 per week

■ LW094 ENERGY LAW
Natural resources law and its related subject environmental
law have become significant areas of professional legal prac-
tice over the last decade or so. One of the particular areas of
natural resources law for these purposes is energy law. En-
ergy law is the law relating to the ownership, use, develop-
ment and control of those natural resources which are used to
produce energy for the benefit of the community. Areas cov-
ered 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; statu-
tory ownership of sources of energy; how the law regulates
access to sources of energy; how the law controls the devel-
opment of sources of energy; how the law regulates and con-
trols 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 devel-
oping sources of energy; private sector structures for devel-
oping sources of energy; fiscal controls upon the development
of energy sources and the production 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: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week

■ LW095 NATIVE TITLE LAW, POLICY &
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 sec-
tors. This course covers theoretical and practical dimensions
of the topic of native title, including: international dimensions,
comparative perspectives, policy issues, and practical steps
for advisers.

Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week

■ LW096 CAPITAL MARKETS LAW
Deals with the regulation of the securities markets in Aus-
tralia, including the licensing of participants, control of
fundraising, disclosure relating to trading of securities, and
the remedies provided in relation to failures to comply with
the legislation and regulations relating thereto.

Courses: LW51, LW50, LW60
Credit points: 12  Contact hours: 2 per week

■ LW097 CORPORATE INSOLVENCY
Considers topics of commercial interest relevant to corporate
insolvency. It concentrates on advanced areas pertinent to liq-
uidation, receivers and other controllers, and voluntary ad-
ministration in Australia. In particular, seminars will focus on
issues likely to arise in practice, including problems associa-
ted with statutory demands, termination of deeds of arrange-
ment, and insurer funding of litigation.

Courses: LW51, LW50, LW60
Credit points: 12  Contact hours: 2 per week

■ LW098 SELECT ISSUES IN MARITIME LAW
As an island nation, Australia is highly dependent upon ship-
ning as a means of commerce, and accordingly the laws in
relation to shipping are also of great importance. Those laws
are a blend of general principles of contract law and tort, spe-
cialised maritime laws, Commonwealth and State legislation
and international conventions. The primary focus of the unit
will be upon those areas of most relevance to everyday com-
merce: carriage of goods by sea (including statutory regimes,
bills of lading and charterparties) and marine insurance. In
addition, several other important areas of law that have a bear-
ing on shipping will be discussed, including salvage, admi-
ralty jurisdiction and limitation of liability.

Courses: LW51, LW50, LW60
Credit points: 12  Contact hours: 2 per week

■ LW099 NATIVE TITLE LAW, POLICY &
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 sec-
tors. This course covers theoretical and practical dimensions
of the topic of native title, including: international dimensions,
comparative perspectives, policy issues, and practical steps
for advisers.

Courses: LW50, LW51, LW60
Credit points: 12  Contact hours: 2 per week

■ LW100 HONOURS DISSERTATION
A dissertation by students enrolled in the Master of Laws by
Coursework who have obtained 96 credit points with a GPA of
6 or better. The dissertation is between 20 000 and 30 000
words in length.

Courses: LW51, LW60
Credit points: 48

■ LW110 CONTEMPORARY ISSUES IN
AUSTRALIAN CONSTITUTIONAL LAW
Examines contemporary constitutional issues at the federal

UNIT SYNOPSES

Credit points:

Courses:

Credit points:

Contact hours:

Contact hours:

Contact hours:

Contact hours:
and state level from a theoretical and practical perspective. Key topics include the High Court’s approach to constitutional interpretation, implied rights under the Commonwealth and State Constitutions and constitutional reform. A range of other topics are available depending on the particular interests of those enrolled, such as commissions of inquiry, parliamentary privilege, executive power and recent developments in international and administrative law so far as they impact on constitutional practice.

**Courses:** LW51, LW50, LW60  
**Credit points:** 12  
**Contact hours:** 2 per week

- **LWN111 ADMINISTRATIVE LAW & GOVERNMENT COMMERCIAL ACTIVITY**  
Examines and considers the application of administrative law and the reach of public law remedies in the field of commercial activities in which governments and government agencies are involved. The unit aims to examine the application of public law remedies in relation to corporatisation, out sourcing and privatisation in the field of government commercial activity.

**Courses:** LW51, LW50, LW60  
**Credit points:** 12  
**Contact hours:** 2 per week

- **LWN112 ADMINISTRATIVE FRAMEWORK FOR CORPORATIONS**  
Addresses the powers and functions of the agencies which are charged with administering the Corporations Law and similar legislation – the Australian Securities Commission (and its potential successor the Corporate and Financial Services Commission) and the Australian Stock Exchange. The unit also covers the effect of the actions of these institutions and the methods of review of their decisions.

**Courses:** LW51, LW50, LW60  
**Credit points:** 12  
**Contact hours:** 2 per week

- **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.51 AB Trade Practices Act (Cth), s.70 Consumer Code; obligations of solicitor; liability, including principle of co-existence and rules of construction; discharge of guarantee, including discharge by the determination of the principal transaction and discharge by reason of the creditor’s conduct; termination, the enforcement of the guarantee; rights of the guarantor; guarantees in international trade.

**Courses:** LW50, LW51, LW60  
**Credit points:** 12  
**Contact hours:** 2 per week

- **LWN114 SELECT ISSUES IN PRIVATE INTERNATIONAL LAW**  
Private International Law is the body of law applied to resolve legal problems of a private law nature which have a significant foreign element. There is a growing demand for the application of this area of the law as international travel, tourism and trade increase. This unit deals with some select issues in Private International Law, including reasons for choice of law, the development of choice of law, choice of law for tort – a comparative approach, choice of law issues in property including intellectual property, recognition of foreign trusts. These topics have been selected to minimise duplication of the topics covered in LWN075 International Commercial Transactions and LWN076 International Commercial Disputes. It is not necessary to have studied private international law or conflict of laws at the undergraduate level (but it may be of some advantage to have done so).

**Courses:** LW51, LW50, LW60  
**Credit points:** 12  
**Contact hours:** 2 per week

- **LWN115 HUMAN RIGHTS IN AUSTRALIAN LAW**  
Human rights is assuming an increasing importance and significance in Australian law. It is potentially relevant to all areas of law, policy and practice, as recent decisions of the High Court of Australia indicate. It is also a growth area of legal research and publication. There will be an increasing demand for people with expertise in human rights with respect to the particular issues raised in their application to and by the Australian legal system. Topics covered in this unit will include the nature and content of international human rights norms; the Australian legal system relevant to the reception and application of human rights; selected aspects of the application of human rights in Australian law.

**Courses:** LW50, LW51, LW60  
**Credit points:** 12  
**Contact hours:** 2 per week

- **LWN116 LIQUOR LICENSING LAW AND PRACTICE**  
The liquor industry is an integral part of the tourist development of this State and liquor regulation can have a serious impact upon commercial developments. This unit will provide a comprehensive analysis of liquor law in Queensland. An added feature of the course will be a detailed analysis of the practice and procedure of the Liquor Appeals Tribunal and the development of drafting skills relevant to liquor law practice.

**Courses:** LW50, LW51, LW60  
**Credit points:** 12  
**Contact hours:** 2 per week

- **LWN117 LEGAL REGULATION OF THE INTERNET**  
The study of the law as it relates to the Internet and electronic commerce. This unit will examine the application of the existing legal principles to “cyberspace” as well as newly developed cyberlaw principles. A knowledge of cyberlaw is important in a number of areas of legal practice, such as banking, litigation and intellectual property. This unit will focus on 14 Internet-related topics. Recent developments in Australian and United States law will be discussed.

**Courses:** LW50, LW51, LW60  
**Credit points:** 12  
**Contact hours:** 2 per week

- **LWN118 AUSTRALIAN INCOME TAX SYSTEMS**  
This unit is designed to explore in detail the fundamental principles of income tax, fringe benefits tax and capital gains tax. Because of the far-reaching changes to the tax system in recent years, recent legislation and cases will be given prominence. In particular, the unit will focus on the tax legislation and drafts produced by the Tax Law Improvement Project.

**Courses:** LW50, LW51, LW60  
**Credit points:** 12  
**Contact hours:** 2 per week

- **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  
**Credit points:** 12  
**Contact hours:** 2 per week

- **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 on-line media environment.

**Courses:** LW50, LW51, LW60  
**Credit points:** 12  
**Contact hours:** 2 per week

- **LWN121 ADVANCED LEGAL DRAFTING**  
This unit will consider the theory of what elements constitute a law based on George Coode’s rules; modernising Coode’s rules for the 21st century looking in particular at the differences between substantive and adjective provisions in legal
documents; the principles of plain English writing; drafting a simple contract based on Coode’s rules and applying plain English theories; reverse engineering complex provisions of legislation and commercial documents and rewriting them in modern styles; a focus on the syntax of legal sentences identifying the problems with ‘front loaded’ sentences in the mind of the reader.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

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, and retail shop leases in Queensland generally.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN123 CORPORATE GOVERNANCE: DIRECTOR’S DUTIES, MEMBERS’ RIGHTS AND COMPLIANCE
This unit will provide a knowledge of best corporate governance practice from a global perspective. It will address the proper functioning of the management bodies of the Australian registered company — the Managing Director (or Chief Executive Officer), the Board of Directors, and the Members in General Meeting. While some concepts from diverse disciplines such as management and accounting will be considered, the unit will concentrate upon the legal obligations which affect good corporate governance. Particular recent developments in corporate governance will be addressed.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

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, adoption and consent to medical treatment for children will be considered as well as the law relating to abortion and the various ethical and social perspectives which impact on these issues. The criminal and quasi-criminal law impacts 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: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN125 ELECTRONIC COMMERCE LAW
This unit will consider the following topics: introduction to the Internet and electronic commerce; commerce infrastructure issues, transnational regulations, buying and selling on-line; copyright issues in Cyberspace; who is copyright dead?; trade marks and consumer protection in cyberspace; encryption; electronic payment mechanisms; privacy; censorship; and taxation.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN126 THE LAW OF COSTS
This unit will provide a complete analysis of the law of costs in Queensland. The first part of the course will deal with the general principles of the law of costs relevant to Queensland practitioners and the extent to which the common law rules has been modified by statute. The second part of the course is concerned with an analysis of the provisions of the Uniform Civil Procedure Rules and the Civil Justice Reform Act 1998 together with other relevant Commonwealth and State legislation governing costs.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN127 ADVANCED INSURANCE LAW 1
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), third parties’ rights and obligations; Section 54 Insurance Contracts Act.

Courses: LW50, LW51, LW60
Credit points: 12
Contact hours: 2 per week

LWN128 ADVANCED INSURANCE LAW 2
This unit will focus on selected topics on insurance law which pre-suppose a knowledge of insurance law contained in LWN127 Advanced Insurance Law 1. For example, contractual terms and their interpretation, double insurance and contribution, subrogation, claims, indemnity and reinstatement, waiver and estoppel, motor vehicle compulsory third party insurance.

Courses: LW50, LW51, LW60
Prerequisites: LWN127
Credit points: 12
Contact hours: 2 per week

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

MAA251 STATISTICS & DATA PROCESSING
A basic unit in statistics, including statistical terminology and organisation of data, elementary probability, binomial and normal distribution, standard statistical methods for analysing data, regression and correlation.

Courses: SC15
Credit points: 8
Contact hours: 3 per week

MAB100 MATHEMATICAL SCIENCES 1A

Courses: BS56, ED50, IF21, IF39, IF50, IF60, IF71, IF83, IF84, IF86, IF87, IT20, IT21, ME36, SC01
Prerequisites: A grade of Sound Achievement in Senior Mathematics B (or equivalent)
Credit points: 12
Contact hours: 4 per week
Incompatible with: A grade of High Achievement in Senior Mathematics C (or equivalent), MAB200, MAB212

MAB101 STATISTICAL DATA ANALYSIS 1
Collection and representation of data, parameters and statistics; variability and distributions; interval estimation and statistical tests based on normal, t, F and chi-squared distributions; statistical aspects of quality; estimation and tests for proportions, including contingency tables; introduction to regression analysis, design of experiments and ANOVA; use of statistical software; statistical project and reporting; applications considered in the natural sciences, engineering, information technology, life sciences, humanities and finance.

Courses: ED50, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, IT21, SC01
Prerequisites: A grade of Sound Achievement in Senior Mathematics B (or equivalent)
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB237, MAB347, MAB893, EFB101

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; functions and equations, graphs, graphs of functions of two variables; inverse functions; linear functions, equations and applications; systems of linear equations; non-linear functions: quadratic, exponential and logarithmic functions, properties and applications; introduction to calculus: rates of change, limits, derivatives, rules of differentiation, second derivatives, maxima and minima and applications.
Credit points: 12
Contact hours: 4 per week
Incompatible with: A grade of High Achievement in Senior Mathematics B

MAB111 MATHEMATICAL SCIENCES 1B
Elementary functions, limits, continuity, differentiation; applications of differentiation; integration; techniques of integration; applications of integration; series, convergence, Taylor series; partial differentiation.
Courses: BS56, ED50, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01
Prerequisites: A grade of Sound Achievement in Senior Mathematics C (or equivalent) or MAB100 or MAB200
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB301, MAB212, MAB222

MAB112 MATHEMATICAL SCIENCES 1C
Complex numbers and polar coordinates; matrices and vectors; implicit and parametric differentiation; logarithmic differentiation; first and second order differential equations.
Courses: BS56, ED50, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01
Prerequisites: A grade of Sound Achievement in Senior Mathematics C (or equivalent) or MAB100 or MAB200
Corequisites: MAB111 or MAB301
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB303, MAB212, MAB222

MAB131 ENGINEERING MATHEMATICS 1A
Sine and cosine functions, logarithmic functions, exponential functions. revision of complex numbers; revision of matrix algebra; vector algebra in 2 and 3 dimensions; derivatives and their applications; differentiation, chain rule, higher derivatives, integrals and their applications.
Courses: CE33, CE52, CE53, EE48, EE54, EE55, IF28, IF57, IF59, ME41, ME42, ME48, PS47
Prerequisites: A minimum grade of Sound Achievement in 3 semesters of Senior Mathematics C (or equivalent)
Corequisites: None
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB180

MAB132 ENGINEERING MATHEMATICS 1B
Matrix algebra; 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.
Courses: CE33, CE52, CE53, EE48, EE54, EE55, IF28, IF57, IF59, ME36, ME41, ME42, ME48, PS47
Prerequisites: MAB131 or MAB180
Corequisites: None
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB188

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 statistics.
Courses: OP42
Prerequisites: A grade of Sound Achievement or better in Senior Mathematics B
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB141, MAB251, MAB252, MAB258

MAB141 MATHEMATICS AND STATISTICS FOR MEDICAL SCIENCE
Revision of polynomial, power and exponential functions, differentiation and integration, area under a curve, graphs of functions; determination of an interpolant for smooth discrete experimental data; Lagrange polynomial interpolation formula and cubic spline interpolation; data containing experimental error; least squares applied to linear and non-linear functions; use of quadratic formula and iterative methods; numerical interpolation. Data collection and presentation; normal distribution; probability, independence, binomial, Poisson, confidence intervals; ANOVA, regression, application to assay, instrument versus standard, two methodology correlation.
Courses: LS37
Prerequisites: A grade of Sound Achievement or better in Senior Mathematics B
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB140

MAB173 QUANTITATIVE METHODS
Interest rates; problem of solutions in compound interest; annuities; applications of annuities; capital redemption policies; valuation of securities; introduction to basic modelling techniques.
Courses: BS50, IF31
Credit points: 12
Contact hours: 3 per week
Incompatible with: MAB313 or MAB342

MAB177 MATHEMATICS FOR DATA COMMUNICATIONS
Provides the basic mathematical background required for the study of data communication; network structures, cryptography and relevant probability, network performance.
Courses: IT20, IT21, IT35, IT40
Credit points: 12
Contact hours: 3 per week

MAB180 ENGINEERING MATHEMATICS 1
Sine and cosine functions, logarithmic functions, exponential functions; complex numbers; matrix algebra; vector algebra in 2 and 3 dimensions; derivatives and their applications: differentiation, chain rule, higher derivatives; integrals and their applications.
Courses: CE33, CE44, CE45, EE41, EE42, EE48, IF28, IF57, IF59, ME41, ME42, ME48, PS47
Prerequisites: A minimum grade of Sound Achievement in 3 semesters of Senior Mathematics B (or equivalent)
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB131 or MAB187

MAB185 INTRODUCTION TO STATISTICS
Data and its presentation, qualitative reporting of graphical presentations; distributions: properties and parameters, normal probability plots; sampling; correlated versus independent observations, mean and other statistics, normal case; confidence intervals for means/proportions and differences of means/proportions, pairing, tolerance limits, introduction to quality and SPC, variance; hypothesis testing, tests for means/
proportions; basic concepts of experimentation, and ANOVA; introduction to regression.

Courses: CE31, ME35
Credit points: 8
Contact hours: 3 per week

- MAB188 ENGINEERING MATHEMATICS 1B
Courses: CE31, ME35
Prerequisites: MAB187 or MAB180
Credit points: 8
Contact hours: 3 per week

- MAB210 STATISTICAL MODELLING 1
Probability; independence; system reliability; using conditional probability in modelling; introductory Markov chains; random variables; special distributional models; Bemoulli process; Poisson process; exponential; introductory queueing 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, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, IT21, SC01
Prerequisites: A grade of Sound Achievement in Senior Mathematics B (or equivalent)
Corequisites: MAB111 or MAB301
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB348, MAB178

- MAB220 COMPUTATIONAL MATHEMATICS 1
Sources of error; computer arithmetic; searching and sorting; 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, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01
Prerequisites: A grade of Sound Achievement in Senior Mathematics C (or equivalent) or MAB100 or MAB200
Corequisites: MAB111 or MAB301
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB321

- MAB252 STATISTICS
Organisation and analysis of data; probability and probability distributions; sampling theory; estimation; tests of hypothesis; regression and correlation.
Courses: OP42
Credit points: 4
Prerequisites: MAB251
Contact hours: 2 per week

- MAB258 EXPERIMENTAL DESIGN
Examination of experimental design and data analysis in optometry; topics include: goodness of fit tests and tests of independence using chi-square distribution; introduction to multiple regression; statistical quality control; analysis of variance, introduction to non-parametric methods.
Courses: OP42
Credit points: 4
Prerequisites: MAB252
Contact hours: 2 per week

- MAB311 ADVANCED CALCULUS
Courses: ED50, IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, MA34, SC01, SC30
Prerequisites: (MAB111, MAB112) or (MAB301, MAB303)
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB601

- MAB312 LINEAR ALGEBRA
Revision of matrix algebra, linear systems and an introduction to Maple; vector spaces; inner product spaces; complex vector spaces; eigenvalues and eigenvectors; linear transformations.
Courses: ED50, IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, MA34, SC01, SC30
Prerequisites: (MAB111, MAB112) or (MAB301, MAB303)
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB630

- 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, IF34, IF39, IF58, IF60, IF71, IF83, IF84, IF86, MA34, SC01, SC30
Prerequisites: Sound Achievement in Senior Mathematics C (or equivalent) or MAB100 or MAB200
Corequisites: MAB111
Incompatible with: MAB342, MAB173

- 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; queuing 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, EE44, EE45, IF25, IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, IT21, MA34, SC01, SC30
Prerequisites: (MAB101, MAB210, MAB111, MAB112) or (MAB348, MAB301, MAB303) or (MAB486, MAB893)
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB647

- 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, IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, IT20, IT21, MA34, SC01, SC30
Prerequisites: (MAB112, MAB210) or (MAB301, MAB347, MAB348)
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB637, MAB638, ITB534

- MAB413 DIFFERENTIAL EQUATIONS
Differential equations: first order exact equations, homogeneous equations; regular and singular points; second order equations including power series methods; Euler’s equation, Legendre and Bessel equations; existence and uniqueness. Systems of differential equations: fixed points and phase plane analysis. Modelling: population dynamics, stock-market and environmental applications.
Courses: ED50, IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, MA34, SC01, SC30
Prerequisites: (MAB111, MAB112) or (MAB301, MAB304)
Credit points: 12
Contact hours: 4 per week
Incompatible with: MAB612
- MAB414 APPLIED STATISTICS 2
  Construction, implementation and interpretation of statistical models and data for analysing and predicting relationships between variables; fitting and analysing general linear models, including standard regression and experimental models; diagnostic methods and model checking, including residual and trend analysis; designing experiments; use of blocking, factors, contrasts, covariates; use of statistical computer software packages as vehicles for information analysis, with emphasis on interpretation of output.
  **Courses:** ED50, IF34, IF39, F42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, MA34, SC01, SC30
  **Prerequisites:** (MAB101, MAB111, MAB210 and recommended MAB112) or (MAB301, MAB347, MAB348) or MAB893
  **Credit points:** 12
  **Contact hours:** 4 per week
  **Incompatible with:** MAB648

- MAB420 COMPUTATIONAL MATHEMATICS 2
  Direct solution methods for large scale linear systems of equations; algorithms and data structures for storing and manipulating special matrix systems; discussion of vector and matrix norms; computation of eigenvalues and eigenvectors; indirect or iterative solution methods for special types of matrix systems; conjugate gradient methods for solving sparse matrix systems.
  **Courses:** ED50, IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, MA34, SC01, SC30
  **Prerequisites:** (MAB220, MAB312) or MAB321
  **Credit points:** 12
  **Contact hours:** 4 per week
  **Incompatible with:** MAB618

- 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, IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, MA34, SC01, SC30
  **Prerequisites:** (MAB111, MAB112) or MAB303
  **Credit points:** 12
  **Contact hours:** 4 per week
  **Incompatible with:** MAB632

- MAB440 INDUSTRY PROJECT (PLANNING STAGE)
  Through suitable full-time work experience over a period of four weeks and appropriate academic and industry-based supervision, this unit assists the student in developing a plan for analysing and resolving an industry problem leading to an oral presentation and written report.
  **Courses:** MA34, SC01, SC30
  **Prerequisites:** MAB523 or SCB510
  **Credit points:** 12
  **Incompatible with:** MAB960

- MAB485 ENGINEERING MATHEMATICS 2C
  Differential equations, Laplace transform methods; orthogonal functions; solution of systems of linear equations; vector analysis; functions of a complex variable; limits, continuity; exponential, circular, hyperbolic and logarithmic functions; Cauchy-Riemann equations; Fourier transforms.
  **Courses:** EE43, EE44, EE45, IF25, IF45
  **Prerequisites:** MAB180 or MAB187), MAB188
  **Credit points:** 8
  **Contact hours:** 3 per week

- MAB486 ENGINEERING MATHEMATICS 2D
  Probability; events and sample spaces; independence; discrete random variables and probability functions; continuous random variables; mean, variance; examples of distributions. Partial differential equations: the simultaneous partial differential equations of Maxwell; the three-dimensional wave equation. Laurents theorem. Residue theory, application to complex integration.
  **Courses:** EE43, EE44, EE45, IF25, IF45
  **Prerequisites:** MAB485
  **Credit points:** 8
  **Contact hours:** 3 per week

- MAB487 ENGINEERING MATHEMATICS 2A
  Solution of large scale systems of linear equations by direct and indirect methods; solution of second order differential equations with constant coefficients; numerical solution of differential equations; polynomial interpolation.
  **Courses:** CE42, CE43, IF56, ME45, ME46, ME47
  **Prerequisites:** (MAB180 or MAB187), MAB188
  **Credit points:** 8
  **Contact hours:** 3 per week

- MAB488 ENGINEERING MATHEMATICS 2B
  Quadrature, determination of eigenvalues and eigenvectors of large scale linear systems, power method, inverse iteration, acceleration techniques; interpolation by cubic splines; Fourier series and harmonic analysis; convergence of infinite series. Laplace transforms.
  **Courses:** IF56, ME45, ME46, ME47
  **Prerequisites:** MAB487
  **Credit points:** 8
  **Contact hours:** 3 per week

- MAB494 SURVEY MATHEMATICS 1
  Spherical trigonometry: definition of sphere, circles on sphere and spherical triangles; columnar, antipodal and polar triangles; sine, cosine and half-angle formulae, Napiers and Delembres analogies; solution of spherical triangles, spherical excess, area of spherical triangle; relation between plane and spherical trigonometry. Differential calculus; Taylor and Maclaurin series for functions of a single variable; extension to functions of several variables; maxima and minima with constraints, Lagrange multipliers; positional astronomy.
  **Courses:** PS47, PS48
  **Prerequisites:** MAB488
  **Credit points:** 6
  **Contact hours:** 3 per week

- MAB496 SURVEY MATHEMATICS 2
  Linear algebra: systems of linear equations in two and three dimensions, the no solution, many solution and unique solution cases, geometric interpretation; extension of concepts to large scale systems, matrix formulation. Matrices: elementary matrix algebra, equality, addition, multiplication by a scalar, matrix products, inverse matrix, transpose matrix; types of matrix, elementary matrices, identity matrices, singular and non-singular matrices, symmetric matrices; orthogonal matrices; reduction of a matrix to echelon form. Eigenvalue problem: solution of characteristic equation in two and three dimensions, corresponding eigenvectors; reality of eigenvalues in symmetric cases; quadratic forms, principal axes; geometrical applications, (classification of cones), extension of concepts to large scale system.
  **Courses:** PS47, PS48
  **Prerequisites:** MAB188
  **Credit points:** 6
  **Contact hours:** 3 per week

- MAB521 APPLIED MATHEMATICS 3
  Topics from vector analysis, vector field theory, functions of a complex variable, special functions, calculus of variations, mathematical biology.
  **Courses:** IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF86, MA34, SC01, SC30
  **Prerequisites:** (MAB311, MAB413) or (MAB601, MAB612)
  **Credit points:** 12
  **Contact hours:** 4 per week
  **Incompatible with:** MAB912

- MAB522 COMPUTATIONAL MATHEMATICS 3
  Advanced integration and interpolation methods, Gaussian quadrature, multiple integrals: surface fitting; optimisation techniques, searches, unconstrained optimisation, gradient methods, constrained optimisation; advanced solution methods for systems of ODE's. Solution of systems of non-linear equations.
  **Courses:** IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF86, MA34, SC01, SC30
  **Prerequisites:** (MAB220, MAB311) or MAB618
  **Credit points:** 12
  **Contact hours:** 4 per week
  **Incompatible with:** MAB911

- 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: IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, MA34, SC01, SC30

Prerequisites: (MAB101, MAB210) or (MAB237 or MAB348 and successful completion of at least 192 credit points)

Credit points: 12  Contact hours: 4 per week

Incompatible with: SCB510

MAB524 STATISTICAL INFERENCE

Methodology and theory of statistical inference; likelihood and its uses; large sample results; exponential family in inference; development of the general linear model as the unified framework for all regression, experimental design and related procedures; introduction to generalised linear models; use of simulation; introductory computational inference and use in recently developed inferential procedures.

Courses: IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF86, MA34, SC01, SC30

Prerequisites: (MAB314, MAB414) or (MAB647, MAB648, MAB301, MAB303)

Credit points: 12  Contact hours: 4 per week

Incompatible with: MAB907

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: IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, MA34, SC01, SC30

Prerequisites: MAB315

Credit points: 12  Contact hours: 4 per week

Incompatible with: MAB927

MAB526 STATISTICAL SCIENCE 3

Topics from (1) time series and statistical forecasting or from (2) sampling and survey techniques or from (3): actuarial statistics. (1) trend and seasonal effects; stationarity; linear models; recursive methods; linear and non-linear forecasting; state-space models; Kalman filter; frequency domain; spectral estimation; dynamical systems and chaos; statistical computing for time series, (2) random sampling; design of questionnaires; data quality and errors in surveys; systematic cluster and double sampling plans; imputation techniques; alternatives to household surveys. (3) distribution theory; financial stochastic models and their use in problem-solving; credibility, utility and risk theory; loss and ruin models.

Courses: IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, MA34, SC01, SC30

Prerequisites: (MAB314, MAB414) or (MAB647, MAB648)

Corequisites: MAB524

Credit points: 12  Contact hours: 4 per week

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: IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF83, IF84, IF86, MA34, SC01, SC30

Prerequisites: (MAB311, MAB413) or (MAB601, MAB612)

Credit points: 12  Contact hours: 4 per week

Incompatible with: MAB973

MAB621 DISCRETE MATHEMATICS

Groups, rings and fields: additive groups, multiplicative groups; applications to data communications, cryptography, data security and data networks. Modular arithmetic: property and rules, congruences; pseudo-random number generators, countability and uncountability. Proof by mathematical induction, proof by contradiction. Isomorphisms between groups. Sets and relations: one-to-one and onto functions, logic, set operations, boolean algebras, stream ciphers, linear feedback shift registers. 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; block ciphers.

Courses: IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF86, IT20, IT21, MA34, SC01, SC30

Prerequisites: MAB112 or MAB303

Credit points: 12  Contact hours: 4 per week

Incompatible with: MAB620

MAB623 FINANCIAL MATHEMATICS

Mathematical theory of interest rates; valuation of contingent payments; bond portfolio theory and management; advanced quantitative techniques in business and finance.

Courses: IF34, IF39, IF58, IF60, IF71, IF86, MA34, SC01, SC30

Prerequisites: MAB313 or MAB342

Credit points: 12  Contact hours: 4 per week

Incompatible with: MAB641

MAB624 APPLIED STATISTICS 3


Courses: IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF86, MA34, SC01, SC30

Prerequisites: MAB414 or MAB648

Credit points: 12  Contact hours: 4 per week

Incompatible with: MAB908

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: IF34, IF39, IF42, IF44, IF58, IF60, IF71, IF86, MA34, SC01, SC30

Prerequisites: MAB525

Credit points: 12  Contact hours: 4 per week

Incompatible with: MAB928

MAB640 INDUSTRY PROJECT

Extends the work undertaken in MAB440 whereby the student gains further industry experience by working on the selected project on a part-time basis throughout the semester in a team-oriented approach to problem solving leading to the presentation of a seminar and the submission of a final written report.

Courses: MA34, SC01, SC30

Prerequisites: MAB440

Corequisites: At least 36 credit points from 3rd level mathematical sciences units

Credit points: 24  Incompatible with: MAB960

MAB713 TOPICS IN MATHEMATICAL SCIENCES 4

Topics available may include actuarial statistics, advanced algebra, advanced computational mathematics, advanced mathematics of finance, analysis, applied statistical inference, applied stochastic modelling, computational methods for finance, computational statistics, dynamical systems, mathematical modelling, operations research, optimisation methods, reliability and survival analysis, sampling, studies in quality and time series and statistical forecasting. Students will be required to take one of these topics. Not all topics may be available.

Courses: SC60, SC80, IF49

Prerequisites: Approval of Head of School

Credit points: 12  Contact hours: 3 per week

MAB714 TOPICS IN STATISTICS 4

Topics available may include actuarial statistics, applied statistical inference, applied stochastic modelling, computational statistics, reliability and survival analysis, sampling, studies in quality and time series and statistical forecasting. Students

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will be required to take one of these topics. Not all topics may be available.

**Courses:** SC60, SC80, IF49  
**Prerequisites:** Approval of Head of School  
**Credit points:** 12  
**Contact hours:** 3 per week

**MAB717 MINOR PROJECT**  
This project may be related to that undertaken in MAB787 or in a separate area. It must be self-contained and is assessed separately.  
**Courses:** SC60  
**Prerequisites:** Approval of Head of School  
**Credit points:** 12

**MAB723 MATHEMATICAL SCIENCES 4A**  
Topics available may include advanced algebra, advanced computational mathematics, analysis, applied statistical inference, dynamical systems, operations research, reliability and survival analysis, studies in quality and time series and statistical forecasting. Students will be required to take either two or three topics. If two topics are selected then these will be studied at a greater depth. Not all topics may be available.  
**Courses:** SC60, SC80, IF49  
**Prerequisites:** Approval of Head of School  
**Credit points:** 24  
**Contact hours:** 6 per week

**MAB724 STATISTICS 4A**  
Topics available may include applied statistical inference, reliability and survival analysis, studies in quality and time series and statistical forecasting. Students will be required to take either two or three topics. If two topics are selected then these will be studied at a greater depth. Not all topics may be available.  
**Courses:** SC60, SC80, IF49  
**Prerequisites:** Approval of Head of School  
**Credit points:** 24  
**Contact hours:** 6 per week

**MAB787 PROJECT**  
Project and thesis component of Honours course (SC60).  
**Courses:** SC60  
**Prerequisites:** Approval of Head of School  
**Credit points:** 36

**MAB795 SURVEY MATHEMATICS 3**  
**Courses:** IF54, PS47, PS48  
**Prerequisites:** MAB496  
**Credit points:** 6  
**Contact hours:** 3 per week

**MAB823 MATHEMATICAL SCIENCES 4B**  
Topics available may include actuarial statistics, advanced mathematics of finance, applied stochastic modelling, computational methods for finance, computational statistics, mathematical modelling, optimisation methods and sampling. Students will be required to take either two or three topics. If two topics are selected then these will be studied at a greater depth. Not all topics may be available.  
**Courses:** SC60, SC80, IF49  
**Prerequisites:** Approval of Head of School  
**Credit points:** 24  
**Contact hours:** 6 per week

**MAB824 STATISTICS 4B**  
Topics available may include actuarial statistics, applied stochastic modelling, computational statistics and sampling. Students will be required to take either two or three topics. If two topics are selected then these will be studied at a greater depth. Not all topics may be available.  
**Courses:** SC60, SC80, IF49  
**Prerequisites:** Approval of Head of School  
**Credit points:** 24  
**Contact hours:** 6 per week

**MAB893 ENGINEERING MATHEMATICS 3**  
Modelling and analysis of variation and data in engineering contexts with emphasis on real data and use of computer packages; estimation, testing, SPC, regression, ANOVA, reliability; statistical project and reporting.  
**Courses:** CE42, CE43, EE43, EE44, EE45, IF25, IF45, IF54, ME45, ME46, ME47, PS47, PS48  
**Prerequisites:** MAB180 or MAB187, MAB188  
**Credit points:** 8  
**Incompatible with:** MAB101

**MABF001 MATHEMATICS**  
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; introduction to a statistical package.  
**Contact hours:** 5 per week

**MABF002 ADVANCED MATHEMATICS**  
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 and cartesian loci. Engineering students study complex numbers and vectors.  
**Contact hours:** 5 per week (6 for Engineering)

**MAN009 EXPERIMENTAL DESIGN & STATISTICAL ANALYSIS**  
The development of further statistical understanding and techniques for researchers.  
**Courses:** HL50, HL52, HL55, HL88, IF49, NS64, NS85, PH80, PU65, PU69  
**Prerequisites:** At least one undergraduate statistics unit  
**Credit points:** 12  
**Contact hours:** 4 per week

**MAP214 STATISTICAL QUALITY PROCEDURES**  
Process measures, histogram, boxplot, describing quality-related phenomena, variable and attribute data; testing process parameters, consumer and supplier risks, interval estimation, comparison of two processes; control chart concept; variables charts for process location and dispersion, pattern analysis and interpretation of charts; process capability, natural tolerance, capability index, modified control charts; attribute charts, p, c and u charts; cusum technique, variable data, procedure, application to attribute data; correlation analysis; scattergram, cause and effect, regression analysis, percentage variation explained, several predictors.  
**Courses:** IF69  
**Credit points:** 12  
**Contact hours:** 3 per week

**MAP224 DESIGN OF EXPERIMENTS & SAMPLING PROCEDURES**  
Sampling procedures, data collection and surveys; introduction to techniques in experimental design, effectiveness in identifying causes of variation, efficiency in use of resources; analysis of variance, fully replicated designs, fractional replication, Plackett-Burman designs, screening, use of statistical software.  
**Courses:** IF69  
**Credit points:** 12  
**Contact hours:** 3 per week

**MBF002 BUSINESS MATHEMATICS**  
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.  
**Contact hours:** 5 per week

**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
**Credit points:** 12  **Contact hours:** 3 per week

**MDB320 DATABASE THEORY & 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
**Credit points:** 12  **Contact hours:** 3 per week

**MDB321 INFORMATION SYSTEM MODELLING IN EDUCATIONAL CONTEXTS**
Examines the modelling of information systems; relational systems; fact oriented approaches; conceptual schema design.

**Courses:** ED50
**Credit points:** 12  **Contact hours:** 3 per week

**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
**Credit points:** 12  **Contact hours:** 3 per week

**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
**Credit points:** 12  **Contact hours:** 3 per week

**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
**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area
**Credit points:** 12  **Contact hours:** 3 per week

**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
**Prerequisites:** MDB325
**Credit points:** 12  **Contact hours:** 3 per week

**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
**Credit points:** 12  **Contact hours:** 3 per week

**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
**Credit points:** 12  **Contact hours:** 3 per week

**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, IF71
**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area
**Credit points:** 12  **Contact hours:** 3 per week

**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, IF71
**Prerequisites:** MDB329
**Credit points:** 12  **Contact hours:** 3 per week

**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
**Credit points:** 12  **Contact hours:** 3 per week

**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
**Credit points:** 12  **Contact hours:** 3 per week

**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:** ED19, ED50, ED54, ED55, IF71, IF79
**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area
**Credit points:** 12  **Contact hours:** 3 per week

**MDB334 MATHEMATICS 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: MDB335
Credit points: 12
Contact hours: 3 per week

**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
Credit points: 12
Contact hours: 3 per week

**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
Credit points: 12
Contact hours: 3 per week

**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
Credit points: 12
Contact hours: 3 per week

**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: MDB335
Credit points: 12
Contact hours: 3 per week

**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
Credit points: 12
Contact hours: 3 per week

**MDB347 EXCURSIONS IN NUMBER**
The study of numbers is filled with intrigue and challenge. This unit explores numbers; large and small, hasty 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
Credit points: 12
Contact hours: 3 per week

**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
Credit points: 12
Contact hours: 3 per week

**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
Credit points: 12
Contact hours: 3 per week

**MDB377 PROJECT PLANNING & 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 support independent learning and student autonomy. This unit provides students with a framework to evaluate this methodology.
Courses: ED50, ED51
Prerequisites: MDB375 or MDB392
Credit points: 12
Contact hours: 3 per week

**MDB381 SCIENCE & TECHNOLOGY IN THE COMMUNITY & 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 technological 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: ED54
Credit points: 12
Contact hours: 3 per week

**MDB382 PROBLEM SOLVING, CRITICAL THINKING & FUTURING**
Reviews state-of-the-art concepts and practices from problem-solving, critical thinking, and futuring knowledge bases which have practical applications in the adult education and human resource development field. Participants may enhance their professional effectiveness in performing administrative, instructional, and program development responsibilities through modern practice.
Courses: ED54
Credit points: 12
Contact hours: 3 per week

**MDB383 USING INFORMATION TECHNOLOGIES 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, ED56, IF82, IF84
Credit points: 12
Contact hours: 3 per week

**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 conjunc-
tion with this. Extended sequences of learning experiences, or programs, will be planned and implemented.

**Courses:** ED51, ED56, IF82, IF84

**Credit points:** 12

**Contact hours:** 3 per week

**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

**Credit points:** 12

**Contact hours:** 3 per week

**MDB386 MATHEMATICS FOUNDATIONS**
Introduce prospective teachers in the primary school to those elements that are important to mathematics today. The unit will begin by exploring the ideas of mathematics in today's society and continue by looking at the history of mathematics relating to mathematics as it is presented in modern day classrooms. The historical analysis will look at the development of the structure of the unit. From this introduction, the formal connections between the disciplines – number, geometry and measurement – will be further analysed. The students will see that mathematics is a discipline with applications that are used today.

**Courses:** ED43, ED51, ED52

**Credit points:** 12

**Contact hours:** 3 per week

**MDB387 SCIENCE FOUNDATIONS**
Develop students' understandings of fundamental concepts related to natural and processed materials, energy, change and growth. Students will also examine issues such as the nature of science, the historical development of major concepts of science, the development of communication in science, and the relationship of science to society. Students will engage in the processes of working through practical hands-on activities, discussions and debates, and small project work.

**Courses:** ED43, ED51, ED52

**Credit points:** 12

**Contact hours:** 3 per week

**MDB388 GAMING & CHANCE**
Discover the world of probabilistic mathematics, gaming, expectation and decision-making through games and activities that have application in mathematics teaching.

**Courses:** ED52, ED51

**Credit points:** 12

**Contact hours:** 3 per week

**MDB389 LIFE & LIVING PROCESSES**
The interaction of organisms and their physical environment will be investigated, in particular, the human influence on the biosphere. The role of technology in empowering communities to exploit and/or protect biological systems and the integrity of the earth as humanity experiences it today will also be studied. Energy and energy changes, energy resources and the responsible use of those resources will be considered.

**Courses:** ED52, ED51

**Prerequisites:** MDB387

**Credit points:** 12

**Contact hours:** 3 per week

**MDB390 NATURAL & PROCESSED MATERIALS**
Continues the development of students' content knowledge in science by examining a range of scientific concepts that contribute to an understanding of science in a technological context. The focus will be on the exploitation of natural and processed materials and a consideration of the environment and social costs and benefits associated with the use of those materials.

**Courses:** ED52, ED51

**Prerequisites:** Life and Living Processes

**Credit points:** 12

**Contact hours:** 3 per week

**MDB391 EARTH & SPACE**
Examines scientific concepts in important areas of space, time and motion, the origin and history of earth and its environments, and light and optics. Scientific principles and techniques for observing space and earth phenomena will also be investigated.

**Courses:** ED52, ED51

**Prerequisites:** MDB390

**Credit points:** 12

**Contact hours:** 3 per week

**MDB392 EDUCATIONAL COMPUTING ENVIRONMENTS**
An introduction to computer systems, including an understanding of computer systems and networks used in education. The focus will be on the technical management of personal and networked systems commonly found in schools. Students will use an appropriate educational programming language to apply their understandings of computer systems to a practical situation.

**Courses:** ED52, ED51

**Prerequisites:** MDB383

**Corequisites:** MDB383

**Credit points:** 12

**Contact hours:** 3 per week

**MDB393 NETWORKED COMMUNITIES**
Examines how a number of computer-linked communities can provide access to information and resources that teachers may use both personally and professionally. Students will use such things as local and wide area networks, electronic information services, Internet, and the World Wide Web to participate in global and local communities and contribute to the resources available to these communities.

**Courses:** ED52, ED51

**Prerequisites:** MDB383

**Corequisites:** MDB383

**Credit points:** 12

**Contact hours:** 3 per week

**MDB395 MARINE STUDIES**
An understanding of interactions between humans and the marine environment are crucial if we are to maintain a viable ecosystem. We use the marine environment for both pleasure and for survival. As individuals we obtain food, leisure and relaxation from the sea, as a society we exploit its resources, use it for transport and deposit effluent in it. This unit explores in a theoretical and practical way the development of curriculum that helps learners come to understand the issues concerned with marine studies.

**Courses:** ED50, ED55, IF70-79

**Credit points:** 12

**Contact hours:** 3 per week

**MDB396 EXCURSIONS IN GEOMETRY**
The world is filled with geometry. Without geometry, or at least a sense of space, we could not get around. We would have boring buildings and dull designs. This subject will begin with the Greeks and move to studying geometry that we use today. A historical perspective will be used to show that geometry like all mathematics was alive and lives today in the world of fractals and graphic design. Participants will find many useful investigations and activities for the classroom.

**Courses:** ED43, ED51, ED52

**Prerequisites:** MDB386

**Credit points:** 12

**Contact hours:** 3 per week

**MDB397 MULTIMEDIA**
Understanding multimedia and multimedia systems. Application of multimedia in education and training, Multimedia authoring software. Designing and creating multimedia applications for educational environments.

**Courses:** ED51, ED52

**Prerequisites:** MDB383

**Corequisites:** MDB383

**Credit points:** 12

**Contact hours:** 3 per week

**MDB411 EARLY CHILDHOOD MATHEMATICS TEACHING, LEARNING & ASSESSMENT**
Theoretical background and research; logical sequence of mathematics and children's cognitive development; content and learning experiences for early childhood; integration and application.

**Courses:** ED26, ED61

**Credit points:** 12

**Contact hours:** 3 per week

**MDB414 LEARNING ENVIRONMENTS USING INFORMATION TECHNOLOGY**
Students will explore the contribution that advanced information technologies can make to teaching and learning. Students
will gain exposure to applications of technology such as multimedia materials and authoring software, the Internet, the World Wide Web, and CD-ROM based materials. They will be required to apply these to a variety of curriculum settings.

Courses: ED50, ED55, IF70-79
Credit points: 12  Contact hours: 3 per week

■ MDB417 ASSESSING THE MATHEMATICAL & SCIENTIFIC ABILITIES OF STUDENTS

Focuses on the identification, investigation and assessment of the mathematical and/or scientific abilities of students and the examination and implementation of strategies for enhancing and modifying those abilities. This unit has a major practical and research oriented component generally undertaken in a school setting. The mathematical and/or scientific abilities of studies can be related to any secondary subject.

Courses: ED50, ED55, IF70-79
Credit points: 12  Contact hours: 3 per week

■ MDB429 INITIATIVES IN SCIENCE EDUCATION

Students will have the opportunity to explore alternative practices in science education, particularly through the development of research-based project work for children, the extended excursion or field trip and involvement in community-sponsored and/or related science activities and events. An emphasis will be placed on catering for the individual and providing experiences which fully extend each child, including the exceptional child.

Courses: ED51
Credit points: 12  Contact hours: 3 per week

■ MDB440 COMPUTERS & EDUCATION

An overview of microcomputer hardware and software with an emphasis on the usefulness of various components in schools; use of educationally valuable application software; critical examination of a variety of uses of computers in education; the impact of computers on society and education in particular.

Courses: ED26
Credit points: 12  Contact hours: 3 per week

■ MDB446 SCIENCE FOR EARLY CHILDHOOD

Young children are naturally curious and enthusiastic about their environment. This unit aims to help teachers to develop the child’s interest in science and to enable children to become scientifically literate citizens of the future. Topics covered include the development of process skills and manipulative skills, theories of learning and development relevant to the science education of young children, learning experiences and resources.

Courses: ED26
Credit points: 12  Contact hours: 3 per week

■ MDB447 MATHEMATICS CURRICULUM

Recent developments in the teaching and learning of mathematics; identification of effective curriculum models and teaching strategies for mathematics; understanding the content of school mathematics; developing assessment strategies.

Courses: ED26, ED61
Credit points: 12  Contact hours: 3 per week

■ MDB449 INFORMATION TECHNOLOGIES TO SUPPORT EFFECTIVE LEARNING AND TEACHING

A critical study of the factors which affect the construction of effective learning and teaching environments that are supported by information technology. Students will become skilled with the use of an integrated program, and create and evaluate a suite of teacher resources to support a unit of work.

Courses: ED51  Prerequisites: MDB383  Credit points: 12  Contact hours: 3 per week

■ MDN619 TECHNOLOGICALLY SUPPORTED TEACHING & LEARNING ENVIRONMENTS

Computer-based software, equipment and educational settings as technological environments; models of interpreting technological environments; historical perspective of learning/teaching technologies; design of technological environments.

Courses: ED13, ED11, ED61  Credit points: 12

■ MDN623 COMMUNICATIONS TECHNOLOGY IN EDUCATION

The design and development of educational communications technologies; building World Wide Web, electronic mail, interactive document and synchronous conferencing servers for use within educational contexts; managing and adapting client software for instructional use; policy issues in providing network-based educational resources; managing innovation within technological change.

Courses: ED13, ED11, ED61  Credit points: 12

■ MDN624 CURRICULUM STUDIES IN MATHEMATICS

Students will examine the design, implementation and evaluation of mathematics curricula. Consideration will be given to former and current trends in mathematics education including content, pedagogy and assessment and the roles of language, technology and affect in the teaching and learning of mathematics. Students will examine their own beliefs and philosophies and explore how these impinge on the curriculum process.

Courses: ED13, ED11, ED61  Credit points: 12

■ MDN625 PSYCHOLOGY OF MATHEMATICS IN EDUCATION

Introduces students to some of the latest topics in cognitive psychology and examines their impact on mathematics education. These include the nature of knowledge and understanding, mathematical reasoning processes, cognitive complexity, reasoning with representations, and problem solving and thinking skills. Students will develop skills in identifying and analyzing their teaching practices from a cognitive perspective.

Courses: ED11, ED13, ED61  Credit points: 12

■ MDN626 PEDAGOGY IN MATHEMATICS EDUCATION

Study of mathematics education in its classroom micro-context and its wider social macrocontext. It studies factors and constraints on these contexts in the light of recent developments in theories such as constructivism and critical theory. It allows students to critically reflect on the different factors affecting the success and failure of learning environments in mathematics education and to critically reflect on their own practice in the light of these issues. The overall emphasis of this unit is the integration between theory and practice for the construction of successful learning environments.

Courses: ED11, ED13, ED61  Credit points: 12

■ MDN627 STUDENT ASSESSMENT IN MATHEMATICS

Considers the major theoretical issues in assessment in mathematics education. The role of assessment and intervention is discussed and expertise is developed in planning of assessment instruments in their evaluation.

Courses: ED11, ED13, ED61  Credit points: 12

■ MDN628 CURRICULUM STUDIES IN SCIENCE EDUCATION

Expands the formal training and practical experiences of science educators from different educational fields spanning early childhood, primary, secondary and post-compulsory education. Major topics include changing goals and emphases in science education, science curriculum theory and design, science curriculum implementation and evaluation, and contemporary issues in science curriculum. A combination of directed readings, seminars, tutorials and independent research is negotiated with students to optimise learning experiences and relevance of the unit for individual students.

Courses: ED11, ED13, ED61  Credit points: 12

■ MDN629 REASONING IN SCIENCE EDUCATION

The critical evaluation and development of scientific reasoning skills in science education: domain general and domain specific reasoning associated with particular science topics;
student explanation, models and analogical reasoning; factors influencing reasoning including epistemological issues. The role of the science laboratory in science education and the development of science reasoning skills.

**Courses:** ED11, ED13, ED61  
**Credit points:** 12

**MDN630 LEARNING & TEACHING IN SCIENCE EDUCATION**
Overview of current learning theories of relevance to science educators with a particular emphasis on constructivist approaches. Application of learning theories to the construction of learning environments for enhancing understanding. Teacher, social and student factors constraining and facilitating the development of particular learning environments including gender and cultural diversity sensitive environments.

**Courses:** ED11, ED13, ED61  
**Credit points:** 12

**MDN631 INFORMATION-BASED TECHNOLOGIES IN SCIENCE EDUCATION**
Examines the use of information-based technology in science classrooms and laboratories to promote ‘learning with understanding’. The unit is based upon current research and focuses on a wide range of computer-based learning environments, for example, simulations, CBI, inquiry orientated databases, microcomputer based laboratories, modelling and net-based activities.

**Courses:** ED11, ED13, ED61  
**Credit points:** 12

**MDN632 DATABASES IN EDUCATIONAL CONTEXT**
Explores in an educational context some of the characteristics and applications of information systems. In particular it looks at how information is modelled, stored and retrieved using relational database techniques. The impact on society of the use of information systems is also explored. The pedagogies associated with teaching about and using information systems in schools are explored.

**Courses:** ED13, ED11, ED61  
**Credit points:** 12  
**Incompatible with:** MDP503

**MDN633 CURRICULUM STUDIES IN TECHNOLOGY EDUCATION**
Curriculum theory: intended, developed and enacted curriculum; curriculum design: models for curriculum design; impact on information technology; curriculum implementation: vocational models; discipline models, individualised models, school-based models, innovations; curriculum evaluation: historical factors affecting the curriculum in technology education.

**Courses:** ED11, ED13, ED61  
**Credit points:** 12

**MDN634 PRIMARY MATHEMATICS, SCIENCE AND TECHNOLOGY CURRICULUM**
The nature of mathematics, science and technology and a rationale for mathematics, science and technology education will be explored; learning in all three areas takes place in a variety of ways; key concepts and processes will be investigated; research issues will be examined and a small project implemented; information technology will be integrated into teaching and learning episodes.

**Courses:** ED18  
**Credit points:** 12  
**Contact hours:** 3 per week

**MDP503 INFORMATION SYSTEMS IN EDUCATION**
Explores some of the characteristics and applications of information systems in an educational context. How information is modelled, stored and retrieved using relational database techniques; the impact on society of the use of information systems; the pedagogies associated with teaching about and using information systems in schools are explored.

**Courses:** ED21  
**Credit points:** 12  
**Contact hours:** 3 per week

**MDP504 SCHOOL ADMINISTRATION USING INFORMATION TECHNOLOGY**
The use of information technologies in the administration of schools; explores a range of administrative packages; cost benefits and ethical implications.

**Courses:** ED21  
**Prerequisites:** MDP532 or MDP530  
**Credit points:** 12  
**Contact hours:** 3 per week

**MDP506 COMPUTER EDUCATION PROJECT**
Offers students the opportunity to extend expertise gained in other units in the Graduate Diploma in Education (Computer Education). Under supervision, students select a problem relevant to computer education and implement a solution.

**Courses:** ED21, ED61  
**Credit points:** 12  
**Contact hours:** 3 per week

**MDP507 TEACHING SECONDARY COMPUTER STUDIES**
Investigates and develops the pedagogy and management associated with Computer Studies courses currently implemented in Queensland Secondary schools. Emphasis is given to the Information Processing and Technology syllabus and the Practical Computer Methods syllabus.

**Courses:** ED21  
**Prerequisites:** MDP503 or MDP532  
**Corequisites:** MDP537  
**Credit points:** 12  
**Contact hours:** 3 per week

**MDP508 COMPUTER USE IN THE PRIMARY CURRICULUM**
Examines the extent to which computers may be used to teach problem solving in the primary classroom through a study of Logo, adventure games, simulations, and genuine problem-solving software. In addition, the use of popular software tools as aids to teaching and learning is considered.

**Courses:** ED21, ED61  
**Prerequisites:** MDP537 or MDP532 or MDP530  
**Credit points:** 12  
**Contact hours:** 3 per week

**MDP529 DIAGNOSTIC ASSESSMENT & REMEDIAL INTERVENTION IN MATHEMATICS**
Overview of learning difficulties of mathematical skills and concepts at all levels. Diagnostic assessment of mathematical competencies including teacher made, commercial and government assessment procedures. Learning experiences to remediate difficulties for pre-number, number, basic numeracy, advanced numeracy and introductory algebra. Integration of mathematical concepts across the curriculum and applications from real life situations. The use of technology in learning mathematics including the calculator as a pedagogical aid.

**Courses:** ED26, ED28, ED50, ED55, ED61  
**Credit points:** 12  
**Contact hours:** 3 per week

**MDP530 COMPUTER APPLICATIONS IN EDUCATION**
Allows students to gain technological skills and understanding while investigating applications of these technologies in the context of teaching and learning. A wide range of computer applications will be covered, including writing, publishing, graphics, communications and project management tools.

**Courses:** ED21, ED61  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** MDP505

**MDP531 INVESTIGATIONS INTO COMPUTER-AIDED LEARNING**
The use of interactive technology in the teaching/learning process; approaches to and uses of computer-aided learning, hypermedia authoring systems such as Hypercard, Linkways and Toolbook, and their applications in multimedia environments.

**Courses:** ED21, ED61  
**Credit points:** 12  
**Contact hours:** 3 per week

**MDP532 COMPUTER SYSTEMS IN AN EDUCATIONAL CONTEXT**
An introduction to educational computer systems; it includes a study of problem-solving using computers, the architectures of computer systems, operating systems and an introduction to computer programming using appropriate educational languages.
MDP533 TEACHING INFORMATION SYSTEMS MODELLING

Designed for prospective teachers of information system modelling; explores the pedagogies and approaches appropriate for teaching students at a variety of levels including a secondary school environment; development and writing of specification documents for information system implementation within an educational context; tools such as relational languages and CASE used by students to implement small educational information systems.

Courses: ED21
Credit points: 12
Incompatible with: MDP501

MDP534 EDUCATIONAL APPLICATIONS OF ARTIFICIAL INTELLIGENCE

Artificial Intelligence (AI) as a discipline impacting on education, philosophical issues, and methods used in AI; focuses particularly on AI applications which cross broad areas of the school curriculum; provides appropriate curriculum support for teachers of the AI topic within the Information Processing and Technology unit at a secondary school level.

Courses: ED21
Credit points: 12
Incompatible with: MDP509

MDP535 EDUCATIONAL SOFTWARE DEVELOPMENT

Data, procedural and object-orientated abstractions used in conjunction with modular programming practices. These understandings are used to solve problems from a wide range of practical educational applications especially with respect to the development of educational software.

Courses: ED21
Credit points: 12
Incompatible with: CSP842

MDP536 COMPUTER GRAPHICS IN TEACHING

The use of computer graphics to enhance teaching and learning in a school environment. A problem-solving approach is employed and students are given the opportunity to apply what they are learning to their own curriculum areas.

Courses: ED21, ED51, ED61
Credit points: 12
Prerequisites: MDP532 or MDP532 or MDP530
Contact hours: 3 per week

MDP537 MAJOR ISSUES IN COMPUTER EDUCATION

The application and implication of the use of information technologies in an educational environment; the impact of teaching, learning and the curriculum.

Courses: ED21, ED61
Credit points: 12
Contact hours: 3 per week
Incompatible with: MDP502

MDP538 COMPUTERS IN THE SECONDARY CURRICULUM

Explores the impact of information and communication technologies on those segments of the secondary curriculum where the emphasis is other than teaching about computing. The impact on teaching and learning is discussed within the framework of recent research, national, state, systemic and local policy documents.

Courses: ED21, ED61
Credit points: 12
Prerequisites: MDP537 or MDP532

MEB134 MATERIALS 1

Chemistry of materials, bonding, chemical reactions; crystallographic structure of materials; mechanical properties of metals; diffusion in solids; phase diagrams; mechanical failure; corrosion failure and protection methods; ceramics and their properties; polymers and their properties; composites; electronic materials.

Courses: SC01
Credit points: 12
Prerequisites: Nil
Corequisites: Nil
Contact hours: 5 per week

MEB335 MATERIALS FOR MEDICAL SCIENCE


Courses: SC01
Credit points: 12
Prerequisites: MEB135
Contact hours: 5 per week

MEB337 MATERIALS FAILURE

Failure processes of materials and materials selection; fracture mechanics; failure mechanisms in ceramics and composites; fatigue; environment fracture and creep; introduction to corrosion through equilibrium electrochemistry; corrosion prevention. Polymer properties and degradation. Materials selection in design. Effect of processing on performance and failure.

Courses: SC01
Credit points: 12
Prerequisites: MEB134
Contact hours: 5 per week

MEB533 TOPICS IN MATERIAL SCIENCE

Advanced studies in three areas encompassing: properties and applications for modern advanced composites; fibre reinforcements of ceramic, metal and polymer materials; coatings of metals and ceramics by vapour deposition; plasma and advanced techniques; surface treatments for frictional and wear performance; properties of ultra high strength steels; the theory and practice of SEM and TEM; corrosion testing of materials and advanced methods of protection; fibre science and polymers from renewable resources.

Courses: SC01
Credit points: 12
Prerequisites: MEB134, either MEB335 or MEB337
Contact hours: 5 per week

MEB553 AERODYNAMICS 2

Courses: EE43
Credit points: 8
Prerequisites: MEB454
Contact hours: 3 per week

MEN170 SYSTEMS MODELLING & 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
Credit points: 12
Contact hours: 3 per week

MEN171 ADVANCED MANUFACTURING TECHNOLOGIES

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, on-line computer aided inspection, automation integration, support technologies and planning for CIM.

Courses: ME75, ME76
Credit points: 12
Contact hours: 3 per week

MEN172 COST ANALYSIS & ASSET MANAGEMENT

Provides students with skills to: analyse cost and understand different costing methods and their implications; evaluate projects under different cost allocation methods; appreciate the role of variance analysis as a management tool; estimate cash flows; make lease versus buy decisions.

Courses: ME75, ME76
Credit points: 12
Contact hours: 3 per week
- **MEN175 ENERGY & 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; field visit. Environmental aspects will be considered for each topic.
  Courses: ME75, ME76
  Credit points: 12
  Contact hours: 3 per week

- **MEN177 TOTAL QUALITY MANAGEMENT**
  Provides 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; benchmarking.
  Courses: ME75, ME76
  Credit points: 12
  Contact hours: 3 per week

- **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
  Credit points: 12
  Contact hours: 3 per week

- **MEN241 RELIABILITY & MAINTENANCE MANAGEMENT**
  Maintenance vision and mission; organisation; creating a maintenance plan with reliability centred maintenance (RCM); real-time maintenance planning and control; downtime; project planning; shutdowns/turnarounds; performance measures; documentation/control; configuration management; computer based maintenance management systems; total productive maintenance (TPM); condition monitoring technology and management; budgetary control.
  Courses: ME75, ME76
  Credit points: 12
  Contact hours: 3 per week

- **MEN270 MANUFACTURING RESOURCE PLANNING**
  Functions and interrelationships between the three major components - production planning, operations planning and operations control - of a manufacturing requirements planning (MRP) system; practical exercises to provide hands-on experience with a MRP system such as FACT.
  Courses: ME75, ME76
  Credit points: 12
  Contact hours: 3 per week

- **MEN280 ENGINEERING PROJECT MANAGEMENT**
  Definition of project management; organisational structures; project planning; feasibility analysis; project organisation; legal aspects; project control; quality control.
  Courses: BS93, ME75, ME76
  Credit points: 12
  Contact hours: 3 per week

- **MEP131 ENGINEERING CERAMIC: PROPERTIES & PROCESSES**
  Introduction to the unique properties of engineering ceramics; the methods used to fabricate advanced structural ceramics; characterisation of ceramic properties. The structure-property relation; defect structures; the theory of sintering ceramics; and analysis and characterisation techniques for engineering ceramics.
  Courses: ME70
  Credit points: 12
  Contact hours: 3 per week

- **MEP132 POLYMERIC MATERIALS: PROPERTIES & PROCESSES**
  Introduction to the structure and identification of polymeric materials, mechanical properties, and structure-property relationships. Characterization of polymers with respect to structure and processing method; fracture behaviour of polymers, mechanical engineering design with polymers, and techniques of polymer testing.
  Courses: ME70
  Credit points: 12
  Contact hours: 3 per week

- **MEP133 COMPOSITE MATERIALS**
  Classification of composite materials, fibres, matrix materials, manufacturing with composite materials; laminate theory - Young's modulus, strength, fracture, environmental effects; mechanical testing of composites; designing with composites; joining composites, metal matrix composites, sandwich panels.
  Courses: ME70
  Credit points: 12
  Contact hours: 3 per week

- **MEP134 ELECTRONIC & MAGNETIC PROPERTIES OF MATERIALS**
  Introduction to basic electrical and magnetic phenomena, including conductivity, ferroelectricity, ferromagnetism and superconductivity. Techniques for characterising these properties; theoretical concepts underlying the application of magnetic and electronic materials; a wide range of engineering applications of dielectric, ferroelectric and magnetic materials, including electrical insulators, piezoelectric displacement controllers, magnetic and ferroelectric memories; superconducting transmission lines; basic semiconductor devices.
  Courses: ME70
  Credit points: 12
  Contact hours: 3 per week

- **MEP172 QUALITY PLANNING & COST ANALYSIS**
  Planning for quality systems for example Q&A; costs of quality; quality terminology; SQC and the Deming philosophy; quality costs; business plan; TQM; the place of QA; quality improvement techniques; quality assurance, quality manual, program and plan; setting and programming appropriate QA program; organisation for quality procedures; activities action and QA role for design, procurement and manufacturing, audit and corrective action.
  Courses: BS93, IF69
  Credit points: 12
  Contact hours: 3 per week

- **MEP201 SAFETY TECHNOLOGY & PRACTICE**
  Overview of models of the accident phenomenon; technological background of potential hazards with electrical power; construction site mechanical equipment hazards and failure; failure modes of engineering materials; mechanical properties of engineering materials and their effect on failure mode.
  Courses: HL88, PU65
  Credit points: 12
  Contact hours: 3 per week

- **MEP274 QUALITY SYSTEMS IMPLEMENTATION & MAINTENANCE**
  Expectations in relation to AS/NZS ISO9000 series of quality standards; system implementation principles, complexities and solutions; state purchasing policy; auditing objectives, philosophy, methodology and standard; attainment of an internal audit qualification through the Queensland Quality Centre; syndicate work involving presentations by groups of students on nominated aspects of the subject matter.
  Courses: BS77, BS93, IF69, ME75
  Credit points: 12
  Contact hours: 3 per week

- **MEP373 RELIABILITY & MAINTENANCE MANAGEMENT**
  Maintenance vision and mission; organisation; creating a maintenance plan with reliability centred maintenance (RCM); real-time maintenance planning and control; downtime; project planning; shutdowns/turnarounds; performance measures; documentation/control; configuration management; computer based maintenance management systems; total productive maintenance (TPM); condition monitoring technology and management; budgetary control.
  Courses: BS93, IF69
  Credit points: 12
  Contact hours: 3 per week
MGB001 HUMAN RESOURCES & INDUSTRIAL RELATIONS
Influences impacting on human resource management and industrial relations in an engineering environment; theoretical foundation of human resource management and industrial relations.
Courses: ME35
Credit points: 12  Contact hours: 2 per week
Incompatible with: HRB149

MGB004 MANAGING PEOPLE AT WORK
Introduction to the theory, process and practice of management and organisations with special reference to an engineering environment; importance of people in the achievement of organisational objectives.
Courses: ME35
Credit points: 12  Contact hours: 2 per week
Incompatible with: HRB148

MGB201 EMPLOYMENT REGULATION & ADMINISTRATION
The formal regulatory nature of the employment relationship, and the informal rules and systems examined in the economic, political and social framework; practical and operational knowledge in relation to the contract of employment; awards, agreements, superannuation, termination and workers’ compensation.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB207 and MGB211 and MGB220
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRB103

MGB202 EQUITY & DIVERSITY MANAGEMENT
The historical, legal and social perspectives on current issues surrounding equal employment opportunity and anti-discrimination initiatives; workplace implications of current laws and, in particular, likely and possible impacts in making personnel-related decisions; concepts and application of the principle of merit, day-to-day impacts of equity legislation; practical models for EEO management planning.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB207 and MGB211 and MGB220
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRB133

MGB203 GOVERNMENT-MANAGEMENT INTERFACE
Provides an essential understanding of the complex and dynamic relationships between business and Australian governments. Students will extend their basic knowledge of the role of governments to develop a more specific conceptual and empirical basis to understand how interactions between Australian government and business are managed. The focus is upon the political context of business activity, government policies towards business, their processes of development and operational impacts, and the constraints and capacities of various business sectors to influence the political system.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB207 and MGB211 and MGB220
Credit points: 12  Contact hours: 3 per week
Incompatible with: EPB125, EPN101

MGB206 MANAGEMENT & ORGANISATION THEORY
Examines the historical and theoretical roots of management and organisation concepts and practices, and the way management and organisation have been constructed as fields of inquiry by both management practitioners and academics. Organisational theories explained in this unit include: Weber’s bureaucracy, stages of corporate development; transaction cost analysis; institutional and neo-institutional theory; population ecology; and various critical theories of organisation. Students have the opportunity to find out the strengths and limitations of management and organisational theories using a variety of critical approaches.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB207 and MGB211 and MGB220
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRB127

MGB207 MANAGING HUMAN RESOURCES
Key functions and processes in the management of human resources from the perspectives of the various stakeholders in the employment relationship, a strategic approach in a total environment context, human resource management and industrial relations in theoretical and applied senses.
Courses: BS50, BS56, IF40, IF41, IF45, IF47, IF46, IF54, IF56
Prerequisites: BSB114 and BSB115
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRB131

MGB209 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT
Health and safety management at work; hazard identification, risk management and evaluation, control strategies and implementation programs; legal frameworks, government policy and management strategies; safety audits and the management of health and safety functions.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB207 and MGB211 and MGB220
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRB128

MGB210 OPERATIONS, PRODUCTION & SERVICE MANAGEMENT
Extends general management philosophies to the production/operations customer sub-systems. The pivotal concept is the organisation as a dynamic system affected by both external and internal forces. Operations management narrows the focus to the sub systems within the organisation that physically produces that organisation’s goods or services. Issues of quality and efficiency are considered analytically in terms of broader strategies and constraints.
Courses: BS50, BS56, IF40, IF41, IF45, IF46, IF47
Prerequisites: MGB207 and MGB211
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRB129

MGB211 ORGANISATIONAL BEHAVIOUR
Impact that individual, group, and organisational characteristics have on behaviour within organisations. Theories, research and applications for understanding, predicting, changing behaviour and developing people in organisations. Topics include: abilities, learning, work motivation and attitudes, leadership and group dynamics, as well as macro issues such as structure and culture.
Courses: BS50, BS56, IF40, IF41, IF45, IF46, IF47, PU40
Prerequisites: BSB114 and BSB115
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRP130

MGB215 SPECIAL TOPIC
Allows students to undertake specialised study on a topic area relevant to particular needs. Permits an in-depth examination of an issue of importance. Content varies depending upon the issue examined, and the academic member(s) involved (including short-term visiting academics).
Courses: BS50, BS56
Prerequisites: MGB207 and MGB211 and permission of the Major Coordinator
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRP130

MGB216 TECHNOLOGY MANAGEMENT
Explores the links between research, technical process, product innovation and management structure, policy and practice. Emphasises the consequences of changes to technologies for the organisation, for example, in information technology. It further examines the internal operation of organisations, with particular respect to management (of human, material and financial resources), technological innovations, and social change; the nature of product and process innovation, and technology transfer; intellectual property and licensing; evaluating technology;
key technology areas (for example government policy and assistance) and research and development in technology.

**Courses:** BS50, BS56, IF40, IF41, IF45, IF47

**Prerequisites:** MGB210 and MGB220

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** HRB140

- **MGB218 VENTURE SKILLS**
  
The type of learning carried out in this unit relates specifically to skills required to manage ongoing business operations. The subject is designed to develop student skills in small business management and analysis. The analysis of business includes how to analyse aspects of existing small business operations.

**Courses:** BS50, BS56, IF41, IF45, IF47

**Prerequisites:** BSB110 and MGB210 and MGB220

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** HRB116

- **MGB219 WORK & SOCIETY**
  
The theoretical and research aspects of work and the organisation of work in industrialised society, the relationship with industrial relations processes and structures, examination of the various perspectives which deal with control systems, work practices and technical change.

**Courses:** BS50, BS56, IF40

**Prerequisites:** MGB207 and MGB211 and MGB220

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** HRB138

- **MGB220 METHODS & ANALYSIS**
  
Designed to provide students with a conceptual map about conducting research. Students proceed through the research process moving from establishing a research question, determining dependent and independent variables, deciding on analytic technique, gathering data, data analysis, drawing conclusions and reporting the research outcomes. Emphasis is placed on qualitative methodologies, including ethnography and archival research.

**Courses:** BS50, BS56, IF40, IF41, IF45, IF46, IF47

**Prerequisites:** BSB114 and BSB115

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** MGB100, EPB109, EPB110, EPB163

- **MGB221 WORK & PERFORMANCE**
  
Builds on material covered in MGB207, and focuses in depth on the theory and practice of job design and analysis, performance management, job evaluation, and remuneration management; examines the theoretical measurement and methodological foundations of human resource management.

**Courses:** BS50, BS56, IF40, IF41, IF45, IF47

**Prerequisites:** MGB207

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** MGB328, HRB105

- **MGB300 ADVANCED ORGANISATIONAL BEHAVIOUR**
  
Investigates and analyses major organisational behaviour issues from the viewpoints of organisational effectiveness and quality of work life, using three frames: learning in organisations, actors in organisations, and organisations as political arenas. Thorough examination of literature and research, an emphasis on data gathering, analysis, and evaluation skills. Macro level issues are considered. Concepts are applied via case studies, surveys, and/or projects.

**Courses:** BS50, BS56, IF40, IF41, IF45, IF47

**Prerequisites:** MGB207 and MGB211 and MGB220

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** HRB100

- **MGB303 ENTREPRENEURSHIP**
  
Examines the processes of small business start up in terms of developing skills and knowledge entrepreneurship and new venture creation. Examines the entrepreneur in terms of entrepreneurial personal and intrapreneurship. New venture creation deals with business planning and resourcing a business start-up. New venture creation develops skills and knowledge for students to analyse and manage the external environment of a small business start-up. Additionally students develop skills and knowledge on how to design and manage over time the internal operations and response to the external environment of a start-up firm.

**Courses:** BS50, BS56, ED23, IF40, IF41, IF45, IF46, IF47

**Prerequisites:** BSB110 and MGB207 and MGB211

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** HRB116

- **MGB304 HUMAN RESOURCE PLANNING & INFORMATION SYSTEMS**
  
Detailed examination of organisational strategy, business plans and link with human resource planning; quantitative and qualitative approaches to prediction. Careers, career management, succession planning, downsizing. Extensive reference to the role, design and use of computerised human resource information systems as the database facilitating human resource planning and managerial decision making.

**Courses:** BS50, BS56, IF40, IF41, IF45, IF47

**Prerequisites:** BSB112 and MGB220 and MGB221

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** HRB136

- **MGB305 HUMAN RESOURCE MANAGEMENT STRATEGY & POLICY**
  
This is the capstone of the HRM extended major. The primary objective is to integrate HR concepts and issues into the wider business and environmental context; a range of historical features, professional and ethical matters are considered; policy development and evaluation is examined; an experiential approach based in cases and/or simulations is adopted.

**Courses:** BS50, BS56, IF40, IF41, IF45, IF47

**Prerequisites:** MGB300 and MGB320 and MGB331

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** HRB136

- **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; students either individually or in small groups, 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:** BS50, BS56

**Prerequisites:** MGB207 and MGB211 and MGB220 and permission of the Major Coordinator

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** HRB151

- **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.

**Courses:** BS50, BS56, IF40, IF41, IF45, IF47

**Prerequisites:** MGB211 and MGB221

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** HRB117

- **MGB308 INTERNATIONAL INDUSTRIAL RELATIONS**
  
This unit is not available in 1999. Industrial relations processes which operate under a range of social, economic, cultural and political arrangements; European and Pacific-rim systems.

**Prerequisites:** MGB207 and MGB211 and MGB220

**Credit points:** 12

**Contact hours:** 3 per week

**Incompatible with:** HRB150

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**UNIT SYNOPSES**

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MGB309 STRATEGIC MANAGEMENT
Presumes previous studies in management areas. Provides students with an ability to understand and participate in the formulation and implementation of management policy and strategy. Emphasises a critical analysis of the literature in the field of strategic management and the effect this has had on the processes adopted by different organisations. As a capstone unit, it gives students the opportunity to analyse synergies between the various strands of their major and to develop skills in influencing the strategic direction of organisations.
Courses: BS50, BS56, IF40, IF41, IF45, IF46, IF47
Prerequisites: MGB303
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRB125

MGB311 MANAGING CHANGE
Builds on introductory and intermediate units in management and is designed to equip managers with an understanding of the management of change in a variety of organisational and contextual settings. Explores the certainty of uncertainty and its implications for management. Emphasis is placed on developing change management skills, through a program of skills development embedded in a sound understanding of relevant theory.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB207 and MGB211 and MGB220
Credit points: 12
Contact hours: 3 per week

MGB312 NEGOTIATION & COLLECTIVE BARGAINING
Theory of negotiation, the basic concepts of integrative and distributive bargaining, process and phases of negotiation in practice, negotiating enterprise bargaining agreements.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB207 and MGB211 and MGB220
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRB102

MGB313 ORGANISATIONAL CHANGE & DEVELOPMENT
A range of interventions designed to improve an organisation’s capacity to actively adapt to its environment. Interventions oriented to various levels of analysis will be covered, for example individual, interpersonal, group, inter-group, organisational, and the organisation in its broader context.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB314
Credit points: 12
Contact hours: 3 per week

MGB314 ORGANISATIONAL CONSULTING & COUNSELLING
Conceptual and theoretical bases of consulting and counselling; relationship building, diagnosis, intervention, and evaluation. Personal and interpersonal skills of the consultant/counsellor developed to a substantial level. Emphasis is placed on designing process to achieve outcomes.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB211 and MGB221
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRB119, COB102

MGB315 PERSONAL & 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 behaviour and ethics. Also examines influence processes, negotiation and conflict resolution, stress management and personal career management. Throughout, it emphasises the design of processes to achieve outcomes and skills of reflective practice.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB207 and MGB211 and MGB220
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRB104

MGB319 QUALITY MANAGEMENT
Introduction to the role of quality in the modern organisation, relation between quality management and strategic management as a total management philosophy; international quality programs and implications for Australia; organising for quality.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB210 and MGB220
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRB403

MGB320 RECRUITMENT & SELECTION 1
Draws on conceptual and research foundations established in MGB328. Examines the environment of recruitment and selection, especially legal requirements. Recruitment is considered from the perspective of both the organisation and the individual. Recruitment strategies are evaluated. Basic selection strategies are examined. Skills in planning and conducting interviews are developed. Technical issues include validity, reliability and utility analysis.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB211 and MGB220 and MGB221
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRB134

MGB321 RECRUITMENT & SELECTION 2
Examines advanced selection strategies. Sophisticated use of biographical data; aptitude, ability, and personality testing; work samples; assessment centres; previous performance. Data manipulation and decision making processes. Selection for particular occupational groups. Workshop and experiential project activities.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB320
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRB134

MGB322 REMUNERATION MANAGEMENT
Examines remuneration management processes and practices in the environment of enterprise bargaining and employment contracts. Structure and effects of remuneration packages. Examination of range of types of remuneration, and the advantages and disadvantages of each. Remuneration in the context of organisation strategy and policy.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB211 and MGB221
Credit points: 12
Contact hours: 3 per week

MGB323 SMALL BUSINESS MANAGEMENT
Examines the role and importance of small business in Australia. It includes detailed considerations concerning managing the growth phase, approaches to the management of a troubled firm and small business re-engineering management. Operational areas requiring attention in small business management are examined, as well as personal factors impinging on small business managers.
Courses: BS50, BS56, ED23, ED50, IF40, IF41, IF45, IF47
Prerequisites: MGB218
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRB135

MGB325 TRAINING & DEVELOPMENT 2
Planning and programming management and supervisory development; career planning; developing a complete training program; advanced training techniques: case study, role play, laboratory training, simulations, games, programmed instruction, computer assisted instruction, individualised learning, video and learning; managing the training and development function; the competencies of a trainer. Experiential and project activities.
Courses: BS50, BS56, IF40, IF41, IF45, IF47
Prerequisites: MGB331
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRB101

MGB331 TRAINING & DEVELOPMENT 1
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/audios/vis; training administration. This unit has a strong focus on mastery of theoretical foundations as well as on learning by doing.

Courses: BS50, BS56, IF40, IF41, IF44, IF45, IF47
Prerequisites: MGB211 and MGB221
Credit points: 12
Contact hours: 3 per week
Incompatible with: MGB217, HRB120

- MGB332 AUSTRALIAN INDUSTRIAL RELATIONS
This unit provides an overview of Australia’s federal industrial relations system, and changes to this over time. Contemporary pressures for change are examined, and the outcomes analysed.

Courses: BS56, IF41, IF45, IF47
Prerequisites: MGB207, MGB211 and MGB220
Credit points: 12
Contact hours: 3 per week
Incompatible with: MGB204 and MGB329

- MGB333 SMALL BUSINESS CONCEPTS & CASES
This unit is subject to final approval. Topics and cases in this unit are developed around the needs of the participants and issues in current research. Topics include critiquing established economic theories as well as the more recent theories of population ecology, institutional and resource dependence as they apply to small enterprise. Life cycles and the role of small enterprise in job creation are explored, incorporating innovation and sociological influences.

Prerequisites: MGB303
Credit points: 12
Contact hours: 3 per week

- MGN402
GOVERNMENT-BUSINESS RELATIONS
The relationship between government and business, especially in Australia; the historical development of the relationships that exist between the private and public sectors and of the impact that the policy decision of each has on the operations of the other. Case studies are used to explore these relationships and contemporary trends.

Courses: BS30, GS70, GS80, GS81, IF64
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPN101

- 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: BS74, ED23, GS70, GS80, IT25
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRN104

- 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, ED23, GS70, IF64
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRN105

- MGN411 MANAGEMENT OF SERVICE QUALITY
Application of quality management principles to services and processes in service operations and organisations: marketing, differentiation of services from products; implications for management.

Courses: BS30, BS93, IF69
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRP112

- MGN412 PEOPLE IN ORGANISATIONS
The internal operation of organisations and the behaviour of people in them; exploration of a range of theories and models of individual, group and organisational level influences on behaviour. This exposure encourages students to critically evaluate such theories and models, and the implications for management behaviour.

Courses: BS30, BS70, BS74, ED23, GS70
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRN108

- MGN413 QUALITY SYSTEMS MANAGEMENT
Quality management principles and systems put a new perspective on management theories and practices; introduction to management theories and concepts; relation to and impact on strategic management of the range of quality issues.

Courses: BS30, BS93, IF69
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRP111

- MGN416 HUMAN FACTORS & THE MANAGEMENT OF CHANGE
Quality as a change process and its impact of people and product and service delivery: leadership; motivation and reward issue for quality improvement; team-based organisations; employee participation strategies; quality and human resource management; training and development; technology and the work environment.

Courses: BS30, BS93, IF69
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: HRP102, MGN403

- MGN417 QUALITY & IMPROVEMENT IN INDUSTRY
Students to undertake evaluation of the contributions of quality management through critical industry analyses. Analyses will explore current and future issues for implementation of quality practices and successes and failures to date.

Courses: BS30, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

- MGN418 METHODS IN QUALITY DEPLOYMENT
Describes and evaluates the usefulness and situational applicability of a range of approaches to improving quality in organisations. Methodologies such as benchmarking, use of surveys, reengineering and quality function deployment will be studied.

Courses: BS30, BS93, IF69
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

- MGN421 STRATEGIC HRM
HRM is concerned with the relationships 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 practising 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: GS70
Prerequisites: PG only; plus GSN204 and GSN205
Credit points: 12
Contact hours: 3 per week

- MGN422 CONTEMPORARY ISSUES & 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: BS93
Prerequisites: PG only; plus 24 cp from BS93 or 48 cp from GS70 or GS81
Credit points: 12  Contact hours: 3 per week

■ 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 U/G specialisation in Business or Commerce, or equivalent entry to BS93, or 48 credit points from GS70 or GS81
Credit points: 12  Contact hours: 3 per week
Incompatible with: BSN407, MGN504

■ 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 (IHRM in multinational cooperative ventures); the comparative context (expatriate management studies in different contexts); the globalisation context.
Prerequisites: PG only; with an U/G specialisation in HRM, international business, international relations or cross cultural communication, or approval of the Course Coordinator
Credit points: 12  Contact hours: 3 per week

■ MGN500 ADVANCED READINGS IN HUMAN RESOURCE MANAGEMENT 1
Explores in-depth advanced theory, research, and issues of practice in human resource management.
Courses: BS93
Credit points: 12

■ MGN501 READINGS IN MANAGEMENT
Examination in detail advanced theory and issues from chosen disciplinary 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, BS93
Credit points: 12
Prerequisites: PG only
Contact hours: 3 per week
Incompatible with: HRN118

■ MGN504 BUSINESS POLICY
This unit is not available in 1999. Develops a manager’s knowledge, analytical understanding and action-taking competencies. The paradigm adopted is that of strategic management: analyses of stakeholders, environments and capabilities, strategy formulation, and strategy implementation. Teaching methodologies emphasise the process of management as well as analysis, content and contexts. At the conclusion of this unit, students should understand how and why strategic decisions are made, and be prepared to make them.
Prerequisites: PG only; plus 72 credit points from MBA core or approval from the Course Coordinator
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRN112

■ MGN505 CONSULTING & 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
Prerequisites: PG only; plus GSN208
Credit points: 12  Contact hours: 3 per week

■ 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 objective of this unit is to identify, analyse and report on contemporary issues in HRM. 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: BS63, BS92, BS93
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRN115

■ 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.
Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRN119

■ MGN508 HRM CASES
Further development of students’ capacity to analyse, evaluate and solve business problems and encourages them to develop the facility for independent thought and critical analysis. In this unit students are required to: (a) examine a human resources function in an organisation, and report observations; (b) relate these observations to relevant theory and recent research; and (c) develop an integrated view of human resources, including its functions, processes, stakeholders, and environment. Finally, the unit will focus on any conceptual, theoretical, research or practical material relevant to the cases.
Courses: BS63, BS92, BS93
Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: HRN116

■ 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
Credit points: 12

Contact hours: 3 per week

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
Credit points: 12

Contact hours: 3 per week

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
Credit points: 12

Contact hours: 3 per week

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
Credit points: 12

Contact hours: 3 per week

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, BS93, GS70, GS81, IF64
Credit points: 12

Incompatible with: EPN104

MGN517 PROGRAM MANAGEMENT & EVALUATION
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, BS93, GS70, GS81, IF64
Credit points: 12

Incompatible with: EPN106

MGN520 RESEARCH DISSERTATION
Students undertake a research dissertation. Each student is assigned to a supervisor, subject to the approval of the Course Coordinator, in consultation with the relevant Head of School. In general, the supervisor provides guidance in relation to the choice, preparation and submission of the dissertation. Supervisors are appointed before students commence the research dissertation unit. The supervisor shall not be an examiner of the dissertation. The dissertation is examined by an examining committee of at least three, appointed by the Dean, and consists of at least two examiners, one of whom may be external to the university, plus the Course Coordinator, who acts as chair of the committee.

Courses: IF64
Credit points: 48

Incompatible with: BSN151

MGN521 RESEARCH METHODOLOGY
Equips students with a range of ideas and methods allowing them to analyse, evaluate and conduct research in discipline areas within the fields of study: Essential preparation for the thesis. Areas include: science and knowledge – paradigms; analysis and criticism; research design; data collection; data manipulation and interpretation; presentation.

Courses: BS63, BS92
Credit points: 12

Incompatible with: BSB400

MGN522 RESEARCH SEMINAR
Quality in policy research requires sound understanding of appropriate research methodologies, their design and implementation. This unit is intended to help provide the student with that understanding, tailored to the specific needs of individual research dissertations. It provides a particular focus upon methods and techniques relevant to policy research.

Courses: BS63, BS92, IF64
Credit points: 12

Incompatible with: EPN118

MGN523 SCIENCE & TECHNOLOGY POLICY
Assists students to understand science and technology policy. It is structured into two parts. The first examines policy structures and processes. The second examines science and technology policy issues which are sector specific, and the commercialisation of technology, although issues relevant to other sectors are also addressed.

Courses: BS30, GS70, GS80, GS81, IF64
Credit points: 12

Incompatible with: EPN119

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 the issue examined, and the academic member(s) involved (including short-term visiting academics).

Courses: BS93
Credit points: 12

Incompatible with: EPN118

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 the issue examined, and the academic member(s) involved (including short-term visiting academics).

Courses: BS93
Credit points: 12

Incompatible with: HRN118

MGN526 ADVANCED READINGS IN MANAGEMENT 2
Students explore in-depth advanced theory, research and issues of practice in management.

Courses: BS93
Credit points: 12

Incompatible with: HRN118

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
Credit points: 12

Incompatible with: HRN118

MGN528 SPECIAL TOPIC IN HRM 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 the issue examined, and the academic member(s) involved (including short-term visiting academics).

Courses: BS93
Credit points: 12

Incompatible with: HRN118

MGN529 SPECIAL TOPIC IN HRM 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 the issue examined, and the academic member(s) involved (including short-term visiting academics).

Courses: BS93
Credit points: 12

Incompatible with: HRN118

References:

■ MIB200 ASIAN BUSINESS DEVELOPMENT
Students undertake an analysis of economic change in Asia since 1820. Material presented will cover the response of Japan, China and South-East Asia to European intrusion and the growth of the international economy. Topics studied will include: the economic consequences of colonisation; the impact of war; technological change; ideology and development policies; ASEAN; the rise of the NICs.
Courses: BS50, BS56, ED50, IF26, IF40, IF41
Prerequisites: BSB116
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB105

■ MIB201 AUSTRALIAN EXTERNAL AFFAIRS & BUSINESS
Australian business exists within a complex and dynamic global environment. An important part of the structure of that environment, especially as regards access to various national markets, is determined by national governments and a range of international agreements entered into by those governments. Australian governments play a vital role, through their various external affairs policies, in this system. The aim of this unit is to provide students with an understanding of external affairs policies in relation to business, their development and implementation.
Courses: BS50, BS56
Prerequisites: BSB114
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB131

■ MIB202 BUSINESS & THE WORLD ECONOMY
Focuses on application of concepts from economics to the trade and finance problems of the international economy and their relationship to business. Topics covered include determination of a country’s comparative and competitive advantage in international trade in a variety of industries. The economics and politics of trade policy, the multinational firm, trading blocs, strategic trade policy and the relationship between industries performance, trade and trade policy. International monetary arrangement (gold standard; Bretton Woods System; flexible exchange rates; currency reform); the role of political institutions in economic development (EMS, Maastricht Treaty); international debt and the increasing importance of emerging equity markets will be considered.
Courses: BS50, BS56, ED50, IF26, IF40, IF41, IF46
Prerequisites: BSB113 and BSB116
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB132

■ MIB203 COMPARATIVE REGULATORY SYSTEMS
Provides the student with an understanding of the regulatory systems within which businesses operate, on a comparative and international basis. It examines the need for, and the development of, regulatory systems, followed by an examination of regulatory systems in relation to: individual and organisational transactions; business structures; the roles and duties of managers and employees in the workplace; capital; a selection of major industries; and theories of regulation.
Courses: BS50, BS56, IF26, IF41, IF46
Prerequisites: BSB114
Credit points: 12
Contact hours: 3 per week

■ MIB204 CONSUMER BEHAVIOUR
The field of consumer behaviour is young and dynamic. It is focused on goods and services bought and used, and the ways in which these fit into individual lifestyles. The unit examines how individual characteristics such as motives, personality, lifestyles and attitudes; social variables such as culture, social class, and groups and situational variables can influence our decision making process and how this relates to marketing strategy.
Courses: BS50, BS56, IF40, IF41, IF46, IF56
Prerequisites: MIB217 or COB308 or COB325
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKB142

■ MIB205 CROSS CULTURAL COMMUNICATION & NEGOTIATION
Analyses the complex interdependence between cultures, management philosophies, corporate strategies and business negotiations. It is designed to develop skills in managing and negotiating in the international environment. The unit will assess the relationships among values, significant religions (e.g. Confucian ethics, Islam) and managerial and corporate communications behaviour in diverse environments; it will discuss communications, negotiation and management problems; and deal with socio-culture issues and behaviours which impact upon international firms.
Courses: BS50, BS56
Prerequisites: BSB116 and BSB117
Credit points: 12
Contact hours: 3 per week

■ MIB207 ECONOMICS OF INFORMATION
Provides students with an understanding of the economics of information in an age when the production of and control of information is of increasing importance. A variety of topics are covered, including: information as a commodity; the demand for information; the economics of the production of information; the costs of information; the cost, pricing and charging out of information within organisations; the market supply of information; information technology and supply curve, the structure of the information industry; information and industry concentration; public good characteristics of information; government intervention and economic impacts.
Courses: BS50, BS56
Prerequisites: BSB113
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB169

■ MIB208 EUROPEAN BUSINESS DEVELOPMENT
Provides a survey of the economic development of Europe up to the Second World War focusing on the major factors involved in that development and their impact on business. 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 and social change. Various countries will be used as case studies to illustrate the topics.
Courses: BS50, BS56, ED50, IF26, IF40, IF41
Prerequisites: BSB116
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB120

■ MIB209 EVENTS MARKETING
The scope of the special events industry and event typologies (including cultural, heritage, sporting and others), within the categories of hallmark, corporate and community based events are reviewed. Research of the marketing environment in which special events occur and analyses of markets and stakeholders will be examined relative to developing integrated marketing strategies. Segmentation of events markets, target marketing and positioning strategies will be studied in the context of specific events. The unit will also focus on strategic marketing of events relevant to tourism and cultural growth. Marketing communication elements
Courses: BS50, BS56, IF56
Prerequisites: MIB217 or an equivalent unit with the approval of the Major Coordinator
Credit points: 12
Contact hours: 3 per week

■ MIB210 EXPORT MANAGEMENT
Provides the student with a fundamental understanding of how to plan, organise implement and control the export operations of an Australian business enterprise. The unit is highly applied and covers a range of topics which focus upon the managerial aspects of exporting goods and services to overseas markets. The managerial issues include: an understanding of the internationalisation process, export planning steps, intermediary decisions, transaction/transportation/insurance management
issues, domestic and overseas regulatory aspects, and an investigation of contemporary export management practices.

**Courses:** B50, BS56, IF56  
**Prerequisites:** BSB116  
**Credit points:** 12  
**Incompatible with:** MKB143

**MIB211 GLOBALISATION & BUSINESS**
Introduces students to the nature of the international systems impacting upon business. It adopts an historical and thematic approach that traces the development of dominant factors over time, regions and industries. Specific issues include: the nature and extent of globalisation; the changing world economy; politics, business and the nation state; transnational corporations and the changing pattern of production, trade, investment; the internationalisation of key industries and sectors such as automobiles, electronics and services.

**Courses:** B50, BS56, ED50, IF26, IF41, IF46  
**Prerequisites:** BSB116  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** EFB133

**MIB212 INDUSTRY & REGIONAL ANALYSIS**
Analyses 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; regional and interregional linkages; demand analysis; transactions in information, goods, services and other products; network analysis; strategies in structured markets.

**Courses:** B50, BS56  
**Prerequisites:** BSB113  
**Credit points:** 12  
**Contact hours:** 3 per week

**MIB213 INTERNATIONAL MARKETING**
Provides students with a thorough understanding of the issues which impact on the development and operational implementation of international marketing strategies and plans. The unit is highly applied and provides students with an opportunity to understand the importance of international marketing; examine and analyse environmental forces influencing international marketing decisions; screen, select and segment priority markets; be aware of the methodological issues involved in primary market research; design and develop an operationally sound international marketing plan; and study the role of marketing strategy in the globalisation of business.

**Courses:** B50, BS56, IF41, IF46, IF56  
**Prerequisites:** MIB217  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** MKB149

**MIB215 MARKETING LOGISTICS**
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 mainly quantitative 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:** B50, BS56, IF40, IF56  
**Prerequisites:** EFB101 and MIB217  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** MKB136

**MIB216 MARKETING DECISION MAKING**
Provides a detailed examination of quantitative decisions in specific tactical and strategic areas of marketing and management. These areas include sales forecasting, market analysis, sales management, product planning, pricing, promotion and distribution. The unit involves case analysis with an emphasis on computer models and spreadsheets. A primary part of the course may be devoted to a computer-based marketing simulation which provides a realistic decision-making environment.

**Courses:** B50, BS56, IF40, IF56  
**Prerequisites:** BSB112 and MIB217  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** MKB148

**MIB217 MARKETING MANAGEMENT**
Extends the student’s knowledge of the fundamental marketing principles and focuses on the application of these concepts and theories within the business environment. Emphasis is on the role of the marketing manager at the Product Manager level with regard to the analysis, planning, implementation and control of marketing activities. Theory is applied through the development of a tactical product marketing plan incorporating the pivotal steps of: environmental analysis; sales forecasting and budgeting; market segmentation, targeting and positioning; consumer analysis product development and management; and the implementation issues in promotion, distribution and pricing.

**Courses:** B50, BS56, IF40, IF41, IF46, IF56  
**Prerequisites:** BSB113 and BSB116  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** MKB141

**MIB218 MARKETING SPORT & RECREATION**
Development of sports marketing strategies in an increasingly competitive and global leisure environment. In addition to product development, pricing and distribution elements, the subject will emphasise the importance of innovative promotional and sponsorship plans. Principles of sports marketing will be supported by case analyses and guest lecturers from the sports sector.

**Courses:** B50, BS56  
**Prerequisites:** MIB217  
**Credit points:** 12  
**Incompatible with:** MKB148

**MIB219 NORTH AMERICAN BUSINESS DEVELOPMENT**
Provides the student with an understanding of the development of business and industry in the North American context since 1945. It will describe major patterns in the development of business, and the major social, economic, political and cultural factors determining those trends. Topics covered will include: the impact of the Second World War; capital and finance in American business development; agricultural developments; manufacturing industry; the rise of the service sector; transport and distribution; communications and media.

**Courses:** B50, BS56, IF26, IF41  
**Prerequisites:** BSB116  
**Credit points:** 12  
**Contact hours:** 3 per week

**MIB220 ORGANISATIONAL MARKETS (BUSINESS TO BUSINESS MARKETING)**
Addresses the special characteristics of organisational markets and business-to-business marketing programs. It involves the study of organisational buyer behaviour and the special customer client relationship that form an important part of the business to business marketing process. Organisational markets constitute a powerful and essential part of the world economy, being the preliminary source for retailing and manufacturing operations and the force behind major service sectors in supplying government and non-government services, including health, education and works. As such, organisational markets are the driving factor behind the economy’s health, nationally and internationally.

**Courses:** B50, BS56, IF56  
**Prerequisites:** MIB217  
**Credit points:** 12  
**Contact hours:** 3 per week

**MIB221 RETAIL INDUSTRY**
Provides a detailed examination of the nature of the retail sector in Australia. It will commence with an examination of the development of the sector in the post 1945 era, followed by an examination of contemporary trends and issues. Students will have the opportunity of focusing on a particular segment of this very complex industry to develop a specialised understanding.
Courses: BSB50, BSB56  Prerequisites: BSB113 and BSB116
Credit points: 12  Contact hours: 3 per week

**MIB222 SPORT & RECREATION INDUSTRIES**
Examines the diverse organisations (private, public and not-for-profit) which comprise the sport and recreation industries; patterns of leisure behaviour and consumption; relationship between sport/recreation work and the economy; impacts of media, the environment, changing demographics and globalisation on the business of sport and recreation.

Courses: BSB56  Prerequisites: BSB115 and BSB116
Credit points: 12  Contact hours: 3 per week

**MIB223 TECHNOLOGY & INTERNATIONAL BUSINESS**
Introduces the student to a conceptual analysis of evolution, the creation of knowledge, and the impact of technology in shaping the economic and commercial strategy agenda of the firm in the international environment. It concentrates on the determining factors of technology, the measurement of impact and patterns of development at a global level.

Courses: BSB50, BSB56  Prerequisites: BSB113
Credit points: 12  Contact hours: 3 per week
Incompatible with: EPB173

**MIB224 TECHNOLOGY & MARKETING**
Examines the impact of technology and technological change on modern marketing and marketing systems. New technology is forcing significant change in many traditional marketing processes, while at the same time providing unique opportunities for gaining access to customers and vital market data. The unit covers an assessment of the overall impact of new technology on marketing; planning and using database marketing techniques; the impact of information technology on marketing; and the role of the global information super high way and its impact on contemporary marketing practice. The unit is essentially applied and is taught using case studies, hands-on computer laboratory work and individual projects for relevant work organisations.

Courses: BSB50, BSB56  Prerequisites: MIB217
Credit points: 12  Contact hours: 3 per week

**MIB225 TOURISM**
Provides a detailed understanding of tourism in the domestic and international contexts. It will focus upon: the developing nature of tourism products and services; the significance of tourism in the domestic and international economies; tourism as a market process; government and tourism; managing tourism ventures; cultural and environmental dimensions of tourism; and contemporary issues and trends.

Courses: BSB50, BSB56, IF41, IF56  Prerequisites: BSB113 and BSB115
Credit points: 12  Contact hours: 3 per week

**MIB226 TOURISM MARKETING**
Explores services marketing within tourism contexts. It provides students with detailed understanding of the issues affecting the marketing of tourism destinations, elements of the destination mix and various tourist attractions. Services marketing techniques are explored within key elements of the destination mix at the regional, state, national and international levels.

Courses: BSB50, BSB56, IF41, IF56  Prerequisites: MIB217
Credit points: 12  Contact hours: 3 per week

**MIB300 CONTEMPORARY BUSINESS IN EUROPE**
Examines major issues in relation to business in contemporary Europe. The focus is a description and analysis of contemporary developments in relation to business, including: the growth of regional cooperation in Europe; business and regional cooperation; European Union policies and business; developments and opportunities in Eastern Europe; case studies in trading with Europe.

Courses: BSB50, BSB56, IF26, IF40, IF41  Prerequisites: MIB208
Credit points: 12  Contact hours: 3 per week

**MIB301 CONTEMPORARY BUSINESS IN NORTH AMERICA**
Examines major issues in relation to business in contemporary North America, with a primary focus upon the USA. The unit commences with an examination of current macroeconomic and industry trends, and government policies in relation to business. It moves on to examine financial markets, North American businesses in world trade and finance, NAFTA and its impact, USA-Japan relations, and Australia-North American trade relationships.

Courses: BSB50, BSB56, IF26, IF41  Prerequisites: MIB219
Credit points: 12  Contact hours: 3 per week

**MIB302 CULTURAL INDUSTRIES ANALYSIS**
Provides students with an understanding of the structure, conduct and performance of the cultural and artistic sector of our economy and develop and apply appropriate marketing skills and strategy for that sector. Topic areas include the development and structure of cultural industries and institutions, funding and subvention, estimating demand for cultural products, pricing arts products, corporate philanthropic practices, relationship marketing in the arts, the value of public cultural goods, trade leverage from cultural goods and an introduction to cultural economics.

Courses: BSB50, BSB56  Prerequisites: BSB113 and MIB212
Credit points: 12  Contact hours: 3 per week

**MIB303 INTERNATIONAL LOGISTICS**
Provides a brief overview of international trade and then focuses upon: managing international distribution channels; network links; transport modes and modal interface systems; transport regulations; sourcing and supply of components; location of manufacturing plants and warehouses; information, communication; and cost management.

Courses: BSB50  Prerequisites: MIB215
Credit points: 12  Contact hours: 3 per week

**MIB305 MARKET RESEARCH**
Provides students with a sound theoretical base in market research and to examine the practical problems encountered in the field. Its objectives are: to ensure students gain the knowledge to effectively buy and use market research; to give students the basic skills necessary to undertake simple market research projects; and to introduce more advanced market research subjects.

Courses: BSB50, BSB56, IF40, IF41, IF46, IF56  Prerequisites: EPB101 and MIB217
Credit points: 17  Contact hours: 3 per week
Incompatible with: MKB151

**MIB307 PRODUCT INNOVATION & MARKET DEVELOPMENT**
Dynamics of product innovation and product 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 will include some hands-on computer usage, visits to industry where relevant and specific practical exercises.

Courses: BSB50, BSB56, IF56  Prerequisites: MIB217
Credit points: 12  Contact hours: 3 per week

**MIB308 PROFESSIONAL MARKETING PRACTICE**
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 marketing 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. The study program is drawn up in consultation with and on the approval of the lecturer.

Courses: BS50, BS56, IF56  
Prerequisites: MIB305  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: MKB153

**MIB309 PROMOTIONAL STRATEGY**

Provides critical understandings of the linkage between the nature of marketing strategies adopted and decision making about the marketing or promotional strategy. There is a definite need for the marketing graduate to fully understand the characteristics of the market environment and business and marketing strategies in order to have an adequate information base to decide message positioning, choice of marketing communication or promotional mediums and balance of expenditure across these mediums. Such a unit will clearly enable students to both grasp theoretical and practical skills with regard to this essential marketing element.

Courses: BS50, BS56, IF56  
Prerequisites: MIB217  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: MKB152

**MIB310 RETAIL MARKETING**

The dynamics of the retailing industry. It provides the student with detailed knowledge of the way retail marketing is conducted nationally and internationally from both strategic and operational perspectives. The unit provides a balance of theory and application in topics such as retail institutions and the retail life cycle, macro and micro store location analysis, store layout, planning and design, merchandising promotion and stock planning, franchising and industry trends. Field trips and instore projects are an integral part of the learning process.

Courses: BS50, BS56, IF56  
Prerequisites: MIB217  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: MKB145

**MIB311 SERVICES MARKETING**

Concerned with the special characteristics of services and the marketing strategies needed to deal with these characteristics. Topics covered include the nature and classification of services; the differences between services and products and their implications for marketing strategy; the concept of productivity for services including the management of demand and supply; the search for service quality; customer service; distribution; and international trade in services.

Courses: BS50, BS56, IF40, IF56  
Prerequisites: MIB217  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: MKB146

**MIB312 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  
Prerequisites: MIB203  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: EPN110, EPB174

**MIB313 SPECIAL TOPIC – MARKETING**

An 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a specialised program of study.

Courses: BS56  
Prerequisites: MIB217  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: MKB164

**MIB314 STRATEGIC BUSINESS ANALYSIS**

A knowledge of international and domestic industry market trends and their specific impacts upon the organisation provides the basic data for the development of flexible strategic visions and plans. The aim of this unit is to provide an examination of major paradigms in strategic formulation and implementation, and to develop a synthesis of competing prescriptive and descriptive approaches. It will enable the development of an integrating framework to explore why organisations differ and how these differences, in terms of individual competencies and organisational capacities, provide for sustainable competitive advantage in domestic and international markets.

Courses: BS50, BS56  
Prerequisites: MIB212 or MGB206 or MGB208  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: MIB309

**MIB315 STRATEGIC MARKETING**

Strategic Marketing is the capstone marketing unit. Students are exposed to a variety of strategic marketing techniques and issues through lectures and case studies. Topics include: developing and critiquing strategic marketing planning models; determining what marketing strategy can realistically accomplish for a business; identifying underlying factors that must be considered in developing marketing strategy; discussion of problems and their solution for successful marketing strategy implementation; bringing in the customer focus in developing marketing strategy; organising for successful strategy implementation.

Courses: BS50, BS56, IF40, IF41, IF46, IF56  
Prerequisites: MIB217  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: MKB155

**MIB316 TOURISM DEVELOPMENT**

The operation and development of tourism markets is the central concern of this unit, building upon the base provided in MIB225. It focuses upon product and service development, demand and market strategies, using a variety of case study materials and analytical methods. At the completion of the unit the student will have an understanding of the economic context of tourism, the development of tourism markets, and the factors that contribute to successful tourism ventures.

Courses: BS50, BS56, IF41, IF56  
Prerequisites: MIB225  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: MKB155

**MIB317 CONTEMPORARY BUSINESS IN ASIA**

The business and cultural environments of Japan, China the NICs and ASEAN; the major Asian economies, their structure and related issues; social and institutional foundations of the economies concerned; interaction between Asia and Australia.

Courses: BS50, BS56, ED50, IF26, IF40, IF41  
Prerequisites: MIB200  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: EPB108

**MIB318 MANAGEMENT OF SPORT & RECREATION**

Examines the development of sports and recreation management in an increasingly competitive and global leisure environment. It will examine the full range of management functions in the sports and recreation context, aiming to provide the student with a comprehensive understanding of those functions in this applied context. Both continuing and special event environments will be investigated, with an emphasis upon project planning and control. Extensive use of case materials will illustrate the diversity characteristic of this sector.

Courses: BS50, BS56  
Prerequisites: MIB212  
Credit points: 12  
Contact hours: 3 per week  
Incompatible with: MIB222

**MIN400 ARTS ADMINISTRATION & SOCIETY**

Analyses the structures and role of cultural organisations in the local, national and international community and the processes involved in administering arts in society. It focuses on the external influences on the arts through investigation of public policy, funding processes, cultural economics, strategic planning, community development. Indigenous arts, diversity and international research.

Courses: BS30, BS63, BS92, BS93, GS70
■ MIN401 AUSTRALIAN FOREIGN AFFAIRS & BUSINESS

Australian business exists within a complex and dynamic global environment. An important part of the structure of that environment, especially as regards access to various national markets, is determined by national governments and a range of international agreements entered into by those governments. Australian governments play a vital role, through their various external affairs policies, in this system. The aim of this unit is to provide students with an understanding of external affairs policies in relation to business, their development and implementation.

Courses: BS93, GS70, IF64
Prerequisites: PG only; plus GSN101 or GSN204 or MGN516 or BSN408
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKP108

■ MIN403 BUSINESS IN ASIA

Enables a more 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 focused 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, BS63, BS92, BS93, GS70, GS80, IF64
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPN113

■ MIN404 BUSINESS IN EUROPE

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 focused 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, BS63, BS92, BS93, GS70, GS80, IF64
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPB108, EPN110

■ MIN405 BUSINESS IN NORTH AMERICA

Enables a more intensive study of business and markets in North America. 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 NAFTA and its international implications. Significant economic, political and social factors determining developments will be focused 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, BS63, BS92, BS93, GS70, GS80, IF64
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: EPN110

■ MIN406 COMPARATIVE REGULATORY SYSTEMS

Provides the student with a detailed understanding of regulatory systems within which businesses operate, on a comparative and international basis. The major focus is upon Europe, Asia and North America. The development of regulatory systems and their impact upon actual or potential markets will be examined, especially in relation to significant differences that inhibit or enhance international business.

Courses: BS63, BS92, BS93, GS70, IF64
Prerequisites: PG only; plus 48 credit points from GS70 or GS80 or GS81 or MGNS16
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKP108

■ MIN407 CONTEMPORARY ISSUES IN MARKETING

Introduces emerging issues in marketing theory and the discipline of marketing, plus important issues not covered earlier in the course. The specific issues covered each year will be determined by the staff members involved. Issues could include: pricing, market orientation, integrative marketing communication, organisational marketing, and public policy (for example, green marketing). Classes would usually include presentations by staff and by students who have worked individually or in groups to research issues.

Courses: BS63, BS92, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week

■ MIN408 FUNDRAISING CAMPAIGNS

Focuses on fundraising leadership for increasing campaign productivity. It is the capstone unit for students in the fundraising course and builds on the concepts introduced in Fundraising Principles. The unit covers the design, analysis, implementation and measurement of existing campaigns in relation to theories of leadership, management, strategic planning and strategic alliances.

Courses: BS30, BS63, BS92, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKP101

■ MIN409 FUNDRAISING PRINCIPLES

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, annual gift programs and budgeting for fundraising.

Courses: BS30, BS63, BS92, BS93
Prerequisites: PG only
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKP100

■ MIN411 INDUSTRY COMPETITION & NETWORK ANALYSIS

Emphasises the need to identify and monitor those elements inside and outside a business upon which a sustainable competitive advantage is built. It builds concepts and tools (such as PIMS analyses) with which to analyse dynamic, competitive forces and collaborative networks within an industry. The industries involved in this unit will be both domestic Australian and international.

Courses: BS63, BS92, BS93
Prerequisites: PG only; plus MIN414
Credit points: 12
Contact hours: 3 per week

■ MIN413 MARKET & BUSINESS RESEARCH METHODS

Provides an understanding of the issues underlying the conduct of market and other business related research. Issues include: identifying the research problem, ethical considerations, collecting and analysing data, computer programs, how to write a report and make a presentation to management. Teaching processes will include lectures, seminar discussions, group pilot research reports, and class presentations. The writing and presentation skills will be used through the rest of the course.

Courses: BS92, BS93
Prerequisites: PG only; with an appropriate UG specialisation
Credit points: 12
Contact hours: 3 per week
Incompatible with: MKN100

■ MIN414 MARKETING DECISION SYSTEMS

Students learn how to use computer programs to facilitate marketing decision-making, and explore issues using information technology and the information highway. The computer programs may include spreadsheets, suites of programs...
for specific marketing decisions and information systems as databases. Issues include the future impact on the future of marketing communication and distribution channels (including direct and database marketing), methods for dealing with information load/overload, customer acceptance of interactive media, and the effects of re-engineering on the marketing function.

**Courses:** BS63, BS92, BS93  
**Prerequisites:** PG only; plus MIN413 or 48 credit points from GS70 or GS80 or GS81  
**Credit points:** 12  
**Contact hours:** 3 per week

### MIN415 MARKETING FOR ARTS ADMINISTRATORS
Provides students of arts administration with an understanding of the application of the basic marketing concepts within the context of culture and the arts. It examines the principles of cultural enterprise, promotion, sponsorship, advertising, communication, market research, marketing strategies, and the development of marketing plans and campaigns for arts and cultural organisations.

**Courses:** BS30, BS63, BS92, BS93, GS70  
**Prerequisites:** PG only  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** MKP107

### MIN419 SEMINARS IN CONSUMER BEHAVIOUR
Introduction to the area of consumer behaviour and a forum for discussion of theory and research in the field. Students will conduct research projects and discuss the interdisciplinary nature of consumer behaviour. Issues from past classes include: children as consumers, consumerism, ethical decision making, gender representation in advertising, emotions research, time, hedonism and materialism, and cross-cultural research.

**Courses:** BS63, BS92, BS93, GS70  
**Prerequisites:** PG only; with an appropriate UG specialisation or 48 credit points from GS70 or GS80 or GS81  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** MKN108

### MIN421 SEMINARS IN INTERNATIONAL MARKETING
International marketing theory and planning. Theoretical issues will include segmentation of international markets, life cycle and contingency approaches to international market entry choice, and market development and extension. Planning issues cover the strategic marketing processes involved, including international market research, and their application to regions and countries in the Asia/Pacific region or Europe.

**Courses:** BS92, BS93, GS70  
**Prerequisites:** PG only; with an UG specialisation in Marketing or 24 credit points from GS70 or GS80 or GS81 or 24 credit points from BS93  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** MKN107

### MIN422 SEMINARS IN MARKETING MANAGEMENT
An advanced study of marketing, marketing systems and marketing management within the contemporary structure of social, political, economic, business and organisational environments. The interpretation of accounting reports to identify and develop financial information necessary to plan and control the marketing function. Marketing management issues associated with profit and non-profit organisations and the relevance of marketing theory to these institutions.

**Courses:** BS63, BS93, GS70  
**Prerequisites:** PG only; with an UG specialisation in Marketing or 48 cp from GS70 or GS80 or GS81  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** MKN107

### MIN423 SEMINARS IN PRODUCT INNOVATION & DEVELOPMENT
Deals with the dynamics of product innovation and product development within the mix of core marketing activities of organisations. A ‘product’ is defined broadly to include both tangible and intangible offerings and the various categories of consumer and industrial services and events. Issues covered include: product market analysis, design, innovation, evaluation and testing of product ideas, branding and packaging, market testing and investment analysis. Learning methodologies are mostly experiential and include hands-on computer use, visits to organisations and practical exercises.

**Courses:** BS63, BS92, BS93, GS70  
**Prerequisites:** PG only; with an appropriate UG specialisation or 48 credit points from GS70 or GS80 or GS81 including GSN206  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** MKN109

### MIN424 SEMINARS IN SERVICES MARKETING
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, BS92, BS93, GS70  
**Prerequisites:** PG only; with an appropriate UG specialisation  
**Credit points:** 12  
**Contact hours:** 3 per week

### MIN425 SEMINARS IN STRATEGIC MARKETING
Provides an understanding of strategic marketing at postgraduate level. It deals with how an organisation can adapt to a changing external environment through market-driven strategic planning. Issues covered include: environmental analysis, strategic positioning, and the development of strategic marketing plans. The unit usually includes groups of students creating strategic marketing plans for real world organisations.

**Courses:** BS63, BS92, BS93, GS70  
**Prerequisites:** PG only; plus 48 credit points  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** MKN110

### MIN426 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, BS63, BS92, BS93, GS70, IF64  
**Prerequisites:** PG only  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** EPN110

### MIN428 STRATEGIC ISSUES & TOURISM
Tourism represents a complex exchange of numerous differentiated and diverse goods and services involving many industries, activities, operators and government agencies. It is the nature of the interactions between the tourist and the various providers which determines quality of the tourist experience and the extent to which tourist expectations are realised. The strategic management of tourism therefore involves considerations of variability, interdependence, complexity and transaction interactions normally not encountered in non-tourist settings. The aim of this unit is to help the student develop an understanding of the need for, and ability to generate, appropriate strategic perspectives and plans.

**Courses:** BS63, BS92, BS93, GS70  
**Prerequisites:** PG only; plus MIN433  
**Credit points:** 12  
**Contact hours:** 3 per week

### MIN429 STRATEGIC MARKETING MANAGEMENT
The capstone unit of the Masters program. It 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. Learning methodologies include a complex computer simulation requiring a series of competitive strategic marketing decisions within a corporate managerial framework.

Courses: BS63, BS92, BS93
Prerequisites: PG only; plus MIN422
Credit points: 12  Contact hours: 3 per week

**MIN430 THE ARTS INDUSTRY**
Provides a general framework for the analysis of the arts and culture as an industry. It examines the operational procedures of arts organisations, arts law, the media, industrial awards and enterprise agreements, arts as business, the human resources of the organisation, and multimedia developments. It concludes with an examination of cultural leadership in the community.

Courses: BS30, BS63, BS92, BS93, GS70, IF64
Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week
Incompatible with: MKP109

**MIN431 TOURISM DEVELOPMENT**
Examines tourism projects and their developmental impacts. It will focus on project analysis, formulation and implementation in a variety of project contexts, both domestic and international. The notion of a tourism cycle is introduced, with an examination of the opportunities and problems associated for specific projects with each stage in the cycle.

Courses: BS30, BS63, BS92, BS93, GS70, IF64
Prerequisites: PG only; plus MIN433
Credit points: 12  Contact hours: 3 per week

**MIN432 TOURISM MARKETING**
Explores services marketing within tourism contexts. It provides students with a detailed understanding of the issues affecting the marketing of tourism destinations, elements of the destination mix and various tourist attractions. Services marketing techniques are explored within key elements of the destination mix at the regional, state, national and international levels.

Courses: BS63, BS92, BS93
Prerequisites: PG only; plus MIN433
Credit points: 12  Contact hours: 3 per week

**MIN433 TOURISM: NATIONAL & INTERNATIONAL**
Provides a detailed examination of tourism trends on a national, international and comparative basis. The primary focus will be upon the Australian, Asian and European markets, with a detailed examination of types of tourism markets, their development and impact. Current major issues will be assessed and related to the supply of tourism services and products.

Courses: BS30, BS63, BS92, BS93, GS70, IF64
Prerequisites: PG only
Credit points: 12  Contact hours: 3 per week

**MIN434 SPECIAL TOPIC – MARKETING**
An 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a specialised program of study.

Courses: BS63, BS92, BS93
Prerequisites: PG only; with an appropriate UG specialisation
Credit points: 12  Contact hours: 3 per week

**MIN435 DOING BUSINESS IN AUSTRALIA I**
This unit will introduce international students to the business environment in Australia. Students will examine the geographical, historical, socio-cultural, political, economic, legal and other factors which impinge upon doing business in this country.

Courses: BS63, BS92, BS93, GS70, GS80, GS81
Prerequisites: PG only; plus available only to students new in Australia
Credit points: PG only; 12  Contact hours: 3 per week

**MJB101 JOURNALISM INFORMATION SYSTEMS**
Acquaints students with the uses journalists make of computers in their work: for wordprocessing, 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 e-mail to interview sources found on Internet Bulletin Boards and in Newsgroups, Usergroups, and Listservers.

Courses: IF26, IF35, MJ20, MJ23
Prerequisites: Journalism majors and minors only
Corequisites: MJB120
Credit points: 12  Contact hours: 3 per week

**MJB111 MEDIA WRITING**
Should be combined with MJP111. Introduction to writing for the electronic media. Examines the major strategies for writing practice within a variety of electronic media industry contexts, and the implications for writers of diverse contexts and audiences. Film, television, radio and multimedia, including drama, documentary, comedy, educational and corporate.

Courses: BS50, MJ20
Credit points: 12  Contact hours: 3 per week

**MJB118 FUNDAMENTALS OF PHOTOGRAPHY**
Historical development of the photographic arts, role of the photographer in society, the principles of visual perception, composition and design, photography as both art and craft; display photography, news photography, photo layout and design; the still camera, processing and printing techniques; creative use of camera and of Photoshop 4 for computer enhancement and manipulation of images. Two photographic assignments and a photographic portfolio, plus a (computer) digital assignment.

Courses: BS50, MJ20
Credit points: 12  Contact hours: 3 per week

**MJB120 NEWSWRITING**
Should be combined with MJP120. 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: IF26, IF35, MJ20, MJ23, MJ26
Corequisites: MJB101
Credit points: 12  Contact hours: 3 per week

**MJB121 JOURNALISTIC INQUIRY**
The philosophical rationale behind the free flow of information and its use studied from practical and theoretical perspectives. The journalists role in society defined and explored through the use of advanced research techniques involving Freedom of Information, property and company searches and the use of newspaper databases.

Courses: BS50, IF26, IF35, MJ20, MJ23
Prerequisites: MJB120, MJB101
Credit points: 12  Contact hours: 3 per week

**MJB123 SCREENWRITING**
Provides analysis of the theoretical notions underpinning the production of scripts used in the major fields of media production; opportunity to develop creative scriptwriting abilities; experience in the practical techniques of scriptwriting. Preference given to FTV majors.

Prerequisites: MJB111
Credit points: 12  Contact hours: 3 per week

**MJB130 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:** ED50, IF26, IF35, MJ20  
**Credit points:** 12  
**Contact hours:** 3 per week

**■ MJB140 MEDIA & SOCIETY**  
A range of theoretical positions on mass media study; the political economy of the media; the role and meaning of advertising; the manufacture of news; theories of journalism; audience theory; media representation of different societal groups gender, race, ethnicity, class, age; public access media; media ownership and control; the treatment of particular social issues in the media; textual and discourse analysis; new technologies; ethics.

**Courses:** AA11, AA21, AA51, AA71, ED50, HU20, IF26, IF35, MJ20, SS07  
**Credit points:** 12  
**Contact hours:** 3 per week

**■ MJB141 FILM & TELEVISION LANGUAGE**  
Surveys the processes by which meaning is constructed in film and television programs. This is first studied in relation to the question of form, and attention is given to how films, both narrative and non-narrative, and television programs, may be structured. The production of meaning is explored through a detailed examination of mise-en-scene (movement and placement of actors, setting, lighting, and costume), cinematography (including camera-angle, camera-distance, camera-movement and special effects), editing and sound.

**Courses:** ED50, IF26, IF35, MJ20  
**Corequisites:** MJB130 or equivalent  
**Credit points:** 12  
**Contact hours:** 4 per week

**■ MJB147 FILM & TELEVISION GENRES**  
Explores the concept of genre in films and television programs. It investigates the conventions and iconography of particular film and television genres. It also examines the relationships between film genres and television genres, between genre and history/ideology, between genre and the film and television industries, and between the generic texts produced by these industries.

**Courses:** ED50, IF26, IF35, MJ20  
**Prerequisites:** MJB130 or equivalent  
**Credit points:** 12  
**Contact hours:** 3 per week

**■ MJB155 MEDIA PRODUCTION**  
Should be combined with MJP155. Basic design for informational, creative, corporate, documentary and drama productions. Emphasis on 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:** IF26, IF35, MJ20  
**Prerequisites:** MJB130 or equivalent  
**Credit points:** 12  
**Contact hours:** 3 per week

**■ MJB180 SPEECH COMMUNICATION FOR JOURNALISTS**  
Draws on the theories of rhetoric, semiotics, group dynamics and interpersonal communication as a base for developing professionals who are articulate presenters, probing but empathic interviewers and interviewees, and good team players. Theory and practice are inter-related to develop understanding and self-reflexivity within students concerning their own communication skills. Practice in simulated work situations will allow growth and learning in the laboratory of the classroom.

**Courses:** IF26, IF35, MJ20  
**Prerequisites:** MJB120  
**Credit points:** 12  
**Contact hours:** 3 per week

**■ MJB185 INFORMATIONAL PRODUCTION**  
Should be combined with MJP185. 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:** MJ20, MJ23, MJ24  
**Prerequisites:** MJB155. This is a quota based unit with preference given to Film and TV Production majors  
**Corequisites:** Pre 1998 MJB229, MJB123  
**Credit points:** 12  
**Contact hours:** 3 per week

**■ MJB190 CREATIVE PRODUCTION**  
Experimentation in the multi-camera coverage of live movement events (as in dance video); the visual interpretation of sound (as in music video); the sonic transformation of visual events (as in performance art video). 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:** MJ20  
**Prerequisites:** MJB185, Pre 1998 MJB229, MJB155, MJB123, MJ111. Available to FTV majors only  
**Credit points:** 24  
**Contact hours:** 6 per week

**■ MJB204 MEDIA INDUSTRIES & ISSUES**  
An introduction to the study of mass media and cultural production, with particular emphasis on Australian media industries, including television, radio, the press, film, public broadcasting, community media and multimedia. The unit considers these industries from social, historical and industrial perspectives, examines the development and implementation of regulation and policy, and explores a range of contemporary and future issues.

**Courses:** IF26, IF35, MJ20  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** Pre 1996 MJB104

**■ MJB209 AUSTRALIAN TELEVISION**  
Explores the role of television in the construction of Australias cultural identity. Particular attention is paid to the part played by a number of historical mini series and documentary films in this process. The unit examines how issues such as war, religion, race, ethnicity, foreign relations and sport are dealt with in a number of texts.

**Courses:** ED50, IF26, IF35, MJ20  
**Prerequisites:** 96 credit points of undergraduate study  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** Pre 1996 MJB109

**■ MJB224 FEATURE WRITING**  
Should be combined with MJP224. Students use the principles of reporting to produce newspaper and magazine articles that profile personalities, or that treat processes, events and places to exploit their human-interest news value.

**Courses:** BS50, IF26, IF35, MJ20, MJ23  
**Prerequisites:** MJB121 or MJP100  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** Pre 1996 MJB124

**■ MJB229 FILM & TELEVISION SCRIPTWRITING**  
Scriptwriting for informational, creative, corporate and drama productions. Exploration of the theoretical underpinnings of language in the media. The rhetoric of moving image media. Practice in writing scripts for moving image media productions.

**Courses:** MJ20, MJ23, MJ24  
**Prerequisites:** 96 credit points of undergraduate study including MJ111  
**Credit points:** 12  
**Contact hours:** 3 per week

**■ MJB232 RADIO & TELEVISION JOURNALISM 1**  
Should be combined with MJP232. The practical and theoretical aspects of radio and television media are studied through...
the examination of interviewing techniques. Students learn radio style and usage and the evaluation of television news bulletins through seminars and workshops. Strong emphasis is placed on current affairs knowledge.

**Courses:** BS50, IF26, IF35, MJ20, MJ23, MJ26  
**Prerequisites:** Pre 1996 MJB100 and MJB121 and MJB155. Available to JOU majors only.

**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** Pre 1996 MJB132

**MJB233 TELEVISION CULTURES**  
Aims to provide students with some ways to think about and to begin to account for the processes by which people make sense of and take pleasure from their encounters with television. It allows students to understand better the nature of television as a form of communication. The subject draws on the insights provided by a range of media studies approaches: semiotics and structuralism, British cultural studies, narrative theory, reception theory, ideological analysis, feminist criticism, and psychoanalysis. It examines television production as texts, and analyses the factors determining their construction and their possible meanings for audiences.

**Courses:** IF26, IF35, MJ20  
**Prerequisites:** MJB130 or equivalent.

**Credit points:** 12  
**Contact hours:** 3 per week

**MJB239 JOURNALISM ETHICS & ISSUES**  
The Australian Journalists Association code of ethics is examined against the background of Australian multicultural and pluralistic democracy; the evolution of the code, its philosophical underpinnings, how it compares to other national and international media codes and the general value of codes of ethics. Students will be placed in ethical dilemmas and asked to make decisions and justify their choices; the value of deathknocks, privacy, defining off-the-record, handling leads and women in the media.

**Courses:** BS50, IF26, IF35, MJ20, MJ23  
**Prerequisites:** MJB121

**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** Pre 1996 MJB139

**MJB250 LANGUAGE & LITERATURE**  
Develops advanced critical and analytical skills in dealing with a variety of textual forms. Students acquire an understanding of various forms of literary or creative language forms, especially narrative. Students are introduced to literary theory as well as key language theory and creative writing practice.

**Courses:** BS50, IF26, IF35, MJ20, MJ24

**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** Pre 1996 COB144

**MJB260 COMMUNITY & 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 FTV majors.

**Courses:** ED50, MJ20  
**Prerequisites:** Pre 1996 MJB100 or MJB126 or MJB155.

**Credit points:** 12  
**Contact hours:** 3 per week

**MJB265 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:** MJ20  
**Prerequisites:** MJB190, MJB185, Pre 1998 MJB229, MJB155, MJB123, MJB111. Available to FTV majors only.

**Credit points:** 24  
**Contact hours:** 6 per week

**MJB270 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.

**Courses:** MJ20  
**Prerequisites:** MJB360, MJB265, MJB190, MJB185, Pre 1998 MJB229, MJB155, MJB123, MJB111. Available to FTV majors only.

**Credit points:** 24  
**Contact hours:** 6 per week

**MJB275 MEDIA LEGAL ISSUES**  
Introduces journalism, media studies, creative writing and film and television production students to the law which applies to their professional practice and theoretical study. The course aims to provide a foundational approach to general aspects of law as well as particular media related topics for students in these fields.

**Courses:** MJ20, MJ23, IF26, IF35  
**Prerequisites:** MJB121

**Credit points:** 12  
**Contact hours:** 3 per week

**MJB303 NEWS PRODUCTION**  
Media industries and media firms; social responsibilities; managing deadlines; planning and decision-making in the newsroom; leadership and motivation; news practice; radio, television, newspapers; case studies.

**Courses:** BS50, IF26, IF35, MJ20  
**Prerequisites:** MJB322, MJB338 (none for MBA students)

**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** Pre 1996 MJB103

**MJB305 AMERICAN FILM & SOCIETY**  
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 Roosevelts 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:** ED50, IF26, IF35, MJ20  
**Prerequisites:** 96 credit points of undergraduate study

**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** Pre 1996 MJB105

**MJB307 FEMINIST MEDIA STUDIES**  
Designed to examine critically the issue of gender, sexuality and the media within cultures. A range of media texts will be investigated. Cultural discourses such as masculinity, femininity, romance, the body, sexuality and violence will be discussed. Issues such as cross-culturalism, new technologies, spatial politics, celebrities and political correctness will also be addressed from a feminist media studies perspective.

**Courses:** ED50, IF26, IF35, MJ20  
**Prerequisites:** 96 credit points of undergraduate study

**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** Pre 1996 MJB107

**MJB310 ASIAN & LATIN AMERICAN CINEMA**  
Provides an introduction to the study of the national cinemas of China and Cuba. China here will be taken to include reference to the cinemas of Hong Kong and Taiwan. The films will be placed within their political, cultural and historical contexts. Thus Chinese cinema will be studied from the perspective of the new cinema which emerged from the film makers Chen Kaige, Wu Tianming, Zhang Yimou and Tian Zhuangzhuang, and Cuban cinema will be dealt with in the context of the Cuban revolution.

**Courses:** ED50, IF26, IF35, MJ20  
**Prerequisites:** 96 credit points of undergraduate study

**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** Pre 1996 MJB110
■ MJBJ314 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: IF26, IF35, MJ20, MJ23
Credit points: 12
Contact hours: 3 per week
Incompatible with: Pre 1996 MJBJ14

■ MJBJ322 SUB-EDITING & LAYOUT
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 wire stories from Australian Associated Press, Reuters, Associated Press and Agence France Presse in news and feature page design exercises.
Courses: BS50, IF26, IF35, MJ20, MJ23
Prerequisites: MJBJ24 or MJJP100
Credit points: 12
Contact hours: 3 per week
Incompatible with: Pre 1996 MJBJ12

■ MJBJ335 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 comprehensive assessment program. The students result is determined on the basis of reports, continuous assessment and the employer's report.
Courses: MJ20
Prerequisites: For BA (JOU) majors (pre 1996 MJBJ12, MJBJ138 or MJBJ32 or MJBJ38). For BA (FTV) majors (pre 1996 MJBJ13, MJBJ143) or (pre 1997 MJBJ23 or MJBJ32), MJBJ360
Corequisites: For BA (FTV) majors MJBJ270
Credit points: 12
Contact hours: 3 per week
Incompatible with: Pre 1996 MJBJ135; Not available to cross-institutional students

■ MJBJ336 NEW MEDIA TECHNOLOGIES
The implications of new media technologies, and associated industrial and cultural changes, are an increasingly central issue for those involved both in media studies and media production. This course will examine the relationship between new technologies and media production in their social and cultural context, evaluating the impact of developments such as digitisation and convergence on work, leisure, film, television, print media and other areas of cultural production. It will also address emerging policy issues such as privacy, information access, cultural diversity and the relationship between personal freedom and social regulation on media such as the Internet. Through such an examination, this course will consider the insights that media theory can provide to an understanding of the new technologies and their social and cultural impact, and consider how changes in dominant media forms impact upon the study of the media and contemporary culture.
Courses: ED50, IF26, IF35, MJ20
Prerequisites: 144 credit points of undergraduate study
Credit points: 12
Contact hours: 3 per week

■ MJBJ337 PUBLIC AFFAIRS REPORTING
Advanced reporting unit stressing the watchdog role of the press and utilizing investigative techniques, including computer-assisted reporting, Internet and other online searching. Students will take in-depth practical assignments for possible publication.
Courses: BS50, IF26, IF35, MJ20
Prerequisites: Pre 1996 MJBJ124 ) or MJBJ224. Available to JOU majors only.
Credit points: 12
Contact hours: 3 per week
Incompatible with: Pre 1996 MJBJ137

■ MJBJ338 RADIO & TELEVISION JOURNALISM II
Philosophy and formulation of radio and television current affairs, anchor techniques, radio and television news production using computers.
Courses: BS50, IF26, IF35, MJ20
Prerequisites: Pre 1996 MJBJ132 ) or MJBJ232
Credit points: 12
Contact hours: 3 per week
Incompatible with: Pre 1996 MJBJ138

■ MJBJ343 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 disputes such as national identity, nationalism, gender, ethnicity and class; the Australian landscape in film; experimental and avant garde films; indigenous films; new technological and global challenges.
Courses: ED50, IF26, IF35, MJ20
Prerequisites: 96 credit points of undergraduate study
Credit points: 12
Contact hours: 3 per week
Incompatible with: Pre 1996 MJBJ143

■ MJBJ344 EUROPEAN CINEMA
The post World War II cinema of two European countries related to their social and historical context. The content coverage of Italian and French cinema is as an example. The Italian section will examine neo-realism, the influence of Marxism on filmmakers such as Visconti, Pasolini and Bertolucci, and the films of Fellini, Antonioni and the Taviani brothers. The French section will explore the style and context of the New Wave, the work of independent filmmakers, and the work of contemporary directors such as Varda, Pialat, Blier and Deville.
Courses: ED50, IF26, IF35, MJ20
Prerequisites: 96 credit points of undergraduate study
Credit points: 12
Contact hours: 3 per week
Incompatible with: Pre 1996 MJBJ144

■ MJBJ346 AUSTRALIAN DOCUMENTARY: FILM & TELEVISION
Deals with the growth and development of the documentary film in Australia. The unit examines the role of government and non-governmental institutions in the sponsoring of Australian documentaries. The unit also studies the work of leading film makers such as John Pilger, Tom Zubricki, David Bradbury and others.
Courses: ED50, IF26, IF35, MJ20
Prerequisites: 96 credit points of undergraduate study
Credit points: 12
Contact hours: 3 per week
Incompatible with: Pre 1996 MJBJ146

■ MJBJ348 APPLIED MEDIA RESEARCH
Building upon the theoretical skills acquired in student's examination of media texts, industries and technologies in the first five semesters of the course, this final semester unit acquaints students with a range of approaches to conducting media research. The unit also gives students an opportunity to put one or more of these approaches into practice by conducting a research project associated with one of the media industries and media audiences.
Courses: MJ20
Prerequisites: 96 credit points of undergraduate study
Credit points: 12
Contact hours: 3 per week

■ MJBJ349 MEDIA AUDIENCES
This unit provides students with a conceptual understanding of media audiences within industry and academic contexts. In addition, the unit introduces students to a range of practical skills that may be applied when undertaking audience research. These skills may also be used as a foundation for developing similar audience research projects in future or concurrent in---
individual research units and in MJB348 Applied Media Research, enabling students to establish research links with the media industries in which they will be employed.

**Courses:** MJB20  
**Prerequisites:** MJB233  
**Credit points:** 12  
**Contact hours:** 3 per week

**MJB350 CREATIVE WRITING AND PUBLISHING**

The emphasis is on literary writing, in particular 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:** MJB20, MJB24  
**Prerequisites:** 96 credit points of undergraduate study  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Incompatible with:** Pre 1996 COB147

**MJB360 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:** MJB20  
**Prerequisites:** MJB265, MJB190, MJB185, pre 1998 MJB229, MJB155, MJB123. Available to FTV majors only  
**Credit points:** 24  
**Contact hours:** 6 per week

**MJB370 ADVANCED CREATIVE WRITING & PUBLISHING**

An advanced unit for students working towards a vocation involving professional writing and especially for majors in creative writing production. It builds on MJB350 and offers advanced techniques in professional writing and editing, including genre writing, metafiction, postmodern and experimental techniques.

**Courses:** MJB20  
**Prerequisites:** MJB350  
**Credit points:** 12  
**Contact hours:** 3 per week

**MJB380 NON-FICTION CREATIVE WRITING**

This unit covers the development and diversity of biography as a genre, but with the main emphasis on contemporary biography. While providing theoretical and critical context, the main focus of classes is to teach students to do practical biographical research and writing of their own, and either travel or review writing.

**Courses:** MJB20  
**Prerequisites:** MJB350. Available to CWP majors only  
**Credit points:** 12  
**Contact hours:** 3 per week

**MJB390 SUPERVISED PROJECT**

Students will undertake a project with the approval of the discipline coordinator in creative writing, film and television production, journalism or media studies. Film and television production activity restricted.

**Courses:** BSB50, MJ20 Available to School of Media and Journalism majors only  
**Prerequisites:** 96 credit points of undergraduate study  
**Credit points:** 12  
**Contact hours:** 3-6 per week  
**Incompatible with:** MJB352, MJB115

**MJP101 MEDIA THEORY**

A systematic introduction to the critical and qualitative traditions of media theory and research, with special emphasis on critical media theory. Applications to mass media, including television, film, radio, advertising, print, and new media. Broad theoretical traditions in media theory; history of media theory; media institutions; media organisation and culture; media text analysis; media audiences; media futures.

**Courses:** AT22, MJB21, MJ23  
**Credit points:** 12  
**Contact hours:** 3 per week

**MJP102 MEDIA POLICY ENVIRONMENT**

The public policy environment associated with media practice and processes; current issues; practical application skills, and critical views. A study of the public process in selected countries with special emphasis on Australian media policy. Social, legal, political and technical environments; current and major issues, and the differing approaches to media policy studies.

**Courses:** AT22, MJ21, MJ23, MJ25  
**Credit points:** 12  
**Contact hours:** 3 per week

**MJP103 CREATIVE WRITING THEORY**

Examines the major theories underlying and informing the practice of writing creative texts, including narrative prose and film script. Such theory enhances critical awareness and knowledge of writing strategies relevant to the production of a text.

**Courses:** AT22, MJ23, MJ24, MJ25  
**Credit points:** 12  
**Contact hours:** 3 per week

**MJP105 THEORIES OF JOURNALISM**

The body of classical literature pertaining to the theories of journalism and mass communication; identification of individual research interests; the empirical traditions of mass communication theory.

**Courses:** AT22, MJ21, MJ23, MJ26  
**Credit points:** 12  
**Contact hours:** 3 per week

**MJP107 DISSERTATION (1-4)**

The culmination of the part-time Honours degree in 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 12 000 15 000 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 (MJP107/1, MJP107/2, MJP107/3, MJP107/4) until they have completed 48 credit points. Normally, MJP107/1 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. MJP107/2 will involve students consolidating the preparatory work begun in MJP107/1 by preparing drafts of two chapters under structured supervision. MJP107/3 and MJP107/4 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 12 000 15 000 words or an equivalent in other media forms.

**Courses:** MJ21  
**Prerequisites:** Normally two of MJP101, MJP102, MJP105  
**Credit points:** 48

**MJP111 MEDIA WRITING**

Should be combined with MJB111. Introduction to writing for the electronic media. Examines the major strategies for writing practice within a variety of electronic media industry contexts, and the implications for writers of those diverse contexts and audiences. Film, television, radio and multimedia, including drama, documentary, comedy, educational and corporate.

**Courses:** AT24, MJ20, MJ23, MJ25  
**Credit points:** 12  
**Contact hours:** 3 per week

**MJP120 NEWSWRITING**

Should be combined with MJB120. 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:** MJ26  
**Corequisites:** MJB101  
**Credit points:** 12  
**Contact hours:** 3 per week

**MJP155 MEDIA PRODUCTION**

Should be combined with MJB155. 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: MJ25  Credit points: 12

■ MJP185 INFORMATIONAL PRODUCTION
Should be combined with MJB185. 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: MJ25  Prerequisites: MJB155  Corequisites: MJB229  Credit points: 12  Contact hours: 3 per week

■ MJP224 FEATURE WRITING
Should be combined with MJB224. Students use the principles of reporting to produce newspaper and magazine articles that profile personalities, or that treat processes, events and places to exploit their human-interest news value.

Courses: MJ26  Prerequisites: MJB121 or MJP100  Credit points: 12  Contact hours: 3 per week

■ MJB121 INFORMATIONAL PRODUCTION
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, IF57, ME36, ME41, ME48, ME42, SC01  Prerequisites: Nil  Credit points: 12  Contact hours: 4 per week

■ MMB182 COMPUTER AIDED DESIGN AND DRAFTING
This unit is about the use of computer in design and drafting and the application of modelling softwares in a variety of design tasks and project work in the later part of the course. The aim is to expand previously acquired two dimensions CAD expertise to personal computers and main frame, surface and solid modelling and to customise menus for personal use. The content of the unit includes 2D and 3D drafting, solid modelling, use of attributes and menu creation.

Courses: ME36  Prerequisites: Nil  Credit points: 12  Contact hours: 4 per week

■ MMB191 INTRODUCTION TO ENGINEERING IN THE MEDICAL ENVIRONMENT
The medical environment has its own culture, methodology and terminoligy 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  Prerequisites: Nil  Credit points: 12  Contact hours: 5 per week

■ 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: IF57, ME36, ME41, ME48, ME42  Prerequisites: MAB188 or MAB132, CEB184 or CEB109  Credit points: 12  Contact hours: 5 per week

■ 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 geared gear systems; introduction to energy methods and material 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: MEB314 or MMB211, MEB111 or MMB112  Credit points: 12  Contact hours: 4 per week

■ 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, IF57
Prerequisites: MEB133 or MEB134, MMB131
Credit points: 12 Contact hours: 5 per week

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: IF57, ME36, ME41, ME48, ME42
Prerequisites: MAB1188 or MAB132, CEB184 or CEB1109
Credit points: 12 Contact hours: 6 per week

MMB271 MANUFACTURING PRACTICE
Topics covered in this unit include: manufacturing in world and Australian contexts and its role in wealth generation; concept of manufacturing systems; conventional and non-traditional manufacturing processes; workplace health and safety; hands-on work in some manufacturing processes; engineering graphics and computer-aided drafting (CAD).
Courses: IF57 Prerequisites: Nil
Credit points: 12 Contact hours: 4 per week

MMB273 MANUFACTURING PRACTICE 1
The unit is about acquiring practical skills in basic manufacturing practice and the ability to appreciate the manufacturing processes to assist students in the later part of the course in design and project works. The unit provides students with an introduction to material process selection and acquisition of skill in basic manufacturing processes. The content of the unit includes, workplace health and safety, general fitting, welding and metrology.
Courses: ME36 Prerequisites: Nil
Credit points: 12 Contact hours: 3 per week

MMB274 MANUFACTURING PRACTICE 2
The unit is about acquiring practical skills in basic manufacturing practice and the ability to appreciate the manufacturing processes to assist the students in the later part of the course in design and project works. The unit provides students with some knowledge of the operation, functions, accuracy and limitations of selected machine tools and related equipment in addition to developing some basic understanding of foundry methods and processes.
Courses: ME36 Prerequisites: MMB273
Credit points: 12 Contact hours: 3 per week

MMB281 DESIGN 1
This introductory design course covers the selection of basic machine elements by their size, function and capacity as part of a mechanical system. Topics included are: design principles; methods of power transmission; preparation and use of databases/spreadsheets; and oral and written communication.
Courses: IF57, ME36, ME41
Prerequisites: BNB007, MMB211
Credit points: 12 Contact hours: 4 per week

MMB291 BIOENGINEERING DESIGN 1
This subject introduces the student to the philosophy and application of engineering design, including the design of mechanical components, and consideration of the interaction between the human body and the working environment. Topics covered in this unit include: introduction to design methodology and problem solving; design of machine elements; human factors in design; universal design principles; design project.
Courses: ME48 Prerequisites: MMB191, MMB211
Credit points: 12 Contact hours: 5 per week

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
Credit points: 12 Contact hours: 4 per week

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

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

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
Credit points: 12 Contact hours: 6 per week

MMB315 MECHANICAL MEASUREMENT
This units deals with the need to continuously monitoring the performance of machinery to extend its production capacity. This function requires a knowledge in measurement/instrumentation systems involving sensor and actuators. The unit covers (a) the basic knowledge of static and dynamic mechanical measurements with an emphasis on the measurement of stress, strain, force, torque, power, vibration and noise, and (b) hands-on experience in static and dynamic measurement techniques and instrumentation for use in industrial applications.
Courses: ME36 Prerequisites: Nil
Credit points: 12 Contact hours: 3 per week

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 and site visits will be undertaken.
Courses: ME41, ME42 Prerequisites: MMB252
Credit points: 12 Contact hours: 6 per week

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  
**Credit points:** 12  
**Contact hours:** 6 per week

**MMB362 BIOFLUIDS**  
This unit includes consideration of: the particular properties of the fluids that might be encountered in biomedical engineering and an introduce 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 equipment; biotribology and the function of biological joints.

**Courses:** ME48  
**Prerequisites:** MMB252  
**Credit points:** 12  
**Contact hours:** 4 per week

**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; 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 dies, methods for minimising spring back.

**Courses:** IF57, ME36, ME41  
**Prerequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 5 per week

**MMB372 MANUFACTURING ENGINEERING**  
Topics covered in this unit include: mechanics of cutting analysis, orthogonal and oblique cutting processes; cutting action and analyses in machining; predictive models for cutting forces, and introduction to CNC machines; optimisation analysis and strategies for single pass machining operations; applications of optimisation in process planning; introduction to metrology, measurements and measuring equipment; methods for analysis of metal working processes; analytical modelling of forging; forging sequence specification; metal flow in extrusion; lubrication and equipment selection in extrusion; analytical approaches in rolling; introduction to tooling and practices and tool design; springback calculation; analysis of deep-drawing operation; tooling considerations; Product design and prototyping; process modelling.

**Courses:** IF57  
**Prerequisites:** MMB271, MMB371  
**Credit points:** 12  
**Contact hours:** 5 per week

**MMB374 DESIGN FOR MANUFACTURING 1**  
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.

**Courses:** IF57  
**Prerequisites:** Nil  
**Credit points:** 12  
**Contact hours:** 5 per week

**MMB381 DESIGN 2**  
Topics covered in this unit include: approaches to design, materials selection in design, fracture mechanics and fracture control in design, design strategies using ceramics and composites, design against fatigue, design in high temperature applications, design to control corrosion, design of structural components, introduction to the use of codes in industrial design, introduction to intellectual property issues in engineering design.

**Courses:** ME41, ME42  
**Prerequisites:** MMB232  
**Credit points:** 12  
**Contact hours:** 6 per week

**MMB382 DESIGN 3**  
This unit introduces the principles of tribology (ie friction, lubrication and wear) and applies them to the design of mechanical machines and equipment. Environmental aspects of lubricants such as ecological friendliness, health hazards, fire resistance and disposal are included.

**Courses:** ME41, ME42  
**Prerequisites:** MMB281, MMB212  
**Credit points:** 12  
**Contact hours:** 6 per week

**MMB391 BIOMECHANCIAL 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, MB292, MMB211  
**Credit points:** 12  
**Contact hours:** 6 per week

**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. 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:** MMB291  
**Credit points:** 12  
**Contact hours:** 5 per week

**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 system and present seminars and a final thesis.

**Courses:** ME41, ME42  
**Prerequisites:** As determined by Course Co-ordinator  
**Credit points:** 48  
**Contact hours:** 40

**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(MfgSys)/BBus(Mkg) 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 system.
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

■ MMB409 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(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: 24

■ 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
Credit points: 12
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ MMB413 INDUSTRIAL NOISE & 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, boundary layer 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
Credit points: 12
Contact hours: 4 per week

■ 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 & 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, MMB234
Credit points: 12
Contact hours: 4 per week

■ 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; application in systems operation.

Courses: ME41, ME42
Prerequisites: MMB252
Credit points: 12
Contact hours: 4 per week

■ 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.

Courses: ME41, ME42
Prerequisites: MMB252
Credit points: 12
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ MMB470 ENGINEERING ASSET MANAGEMENT & 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; financial analysis related to investment, deployment, overhaul and replacement of engineering assets; organisation for maintenance; maintenance planning and control; spare parts inventory management; reliability, maintainability and availability analysis.

Courses: ME41, ME48, ME42
Prerequisites: Nil
Credit points: 12
Contact hours: 4 per week

■ 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: IF57, ME41, ME42
Prerequisites: Nil
Credit points: 12
Contact hours: 4 per week

■ MMB472 DESIGN FOR MANUFACTURING 2
Topics covered in this unit include: basic concepts in the analysis of a mechanical engineering design relating the design requirements to a range of manufacturing processes; an understanding of the complete manufacturing specifications for mechanical designs based on functional requirements, manufacturing processes, interchangeability and standardisa-
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  
Credit points: 12  
Contact hours: 4 per week

**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  
Prerequisites: Nil  
Credit points: 12  
Contact hours: 4

**MMB301 INDUSTRY PROJECT**

Engineers often need to tackle open ended problems which involve research and analysis. Students will spend approximately six months, full time in an industrial environment to solve a problem involving both marketing and manufacturing. The students will present seminars and a final thesis.

Courses: IF57  
Prerequisites: As determined by the Course Coordinator  
Credit points: 36

**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  
Prerequisites: IF57  
Credit points: 12  
Contact hours: 4 per week

**MMB574 DESIGN FOR MANUFACTURING 3**

Topics covered in this unit include: design for manufacturing processes and materials – sand casting, permanent mould casting, die casting and investment casting, design for forgings, design for plastics and composites, design for joining and welding, design and performance of welded joints, sustainability in manufacturing; design of press tools for sheet metal with special emphasis on progressive die design for bending and drawing dies; integration of design and manufacture; material selection for different tool design applications; working experience on design for assembly and design for manufacture systems.

Courses: IF57  
Prerequisites: MMB372  
Credit points: 12  
Contact hours: 4 per week

**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 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  
Credit points: 12  
Contact hours: 4 per week

**NRB171 BIOLOGY**

An introduction to Biology for students with no previous experience in the discipline. An overview of form and function
in animal and plant systems; patterns and mechanisms of inheritance; fundamental ecological principles.

Courses: OP42  Credit points: 8  Contact hours: 3 per week

NRB200 ENVIRONMENT OF SOUTH EAST QUEENSLAND
Scientific issues related to the understanding of the local environment, its pressures and responses. The unit will be both descriptive and analytical and will focus on technical issues of the environment and its management. It is designed as a stand-alone unit that will be of value as a resource for other professionals, such as engineers and teachers, as well as providing basic material for environmental scientists. The unit will present an integrated assessment of the environment of south east Queensland. Aspects of the environment that will be addressed will be: the basic landforms, cultural heritage and climate of the region; the air environment and meteorological patterns; water quality and management in the riverine and marine systems; flora and fauna of the region.

Courses: ED50, SC01  Credit points: 12  Contact hours: 4 per week

NRB230 PLANET EARTH
Focuses on geological principles, physical geology and geomorphology, formation and classification of minerals, rocks and soil, the origin of the Earth and the solar system, stratigraphy, geological time, and dating and geological history, structural geology and plate tectonics, and economic geology.

Courses: ED50, SC01, LSB118  Credit points: 12  Contact hours: 4 per week

NRB239 GEOLOGY FOR THE BUILT ENVIRONMENT
Basic principles and theories of geology, emphasising the way in which mineralogy and petrology, geological structures, geomorphology and groundwater interact with, and are related to, surveying, and engineering design and construction. The engineering properties of rock and soil, and the effect of geological hazards on the built environment; case histories on the relevance of geology to the surveyor’s and civil engineer’s workplace.

Courses: CE42, IF52, PS47  Credit points: 12  Contact hours: 4 per week

NRB270 ANIMAL AND PLANT STRUCTURE AND FUNCTION
Emphasis on how functioning organisms reflect the integration of major biochemical processes. Initially, the structures of body systems are described from the functional viewpoint. Gas exchange, circulatory, reproductive and supportive systems are studied, then aspects of energy flow (photosynthesis/respiration) are considered. Finally, the regulation of organism function via biological positive and negative feedbacks, and hormonal systems, is outlined.

Courses: ED50, SC01  Prerequisites: LSB118  Credit points: 12  Contact hours: 4 per week

NRB300 ENVIRONMENTAL MONITORING
The purpose and methodology of environmental monitoring in a variety of situations related to the management of natural resources. The development of monitoring regimes and their application for reasons such as assessment of impact of anthropogenic activities, demonstration of compliance with accepted standards and guidelines, quality assurance or surveillance. Contaminant transport and pathway analysis schemes for assessment of impact. Effluent release, suspension, dispersion, and dilution. Biaccumulation and concentration factors. Critical groups for assessment of impact.

Courses: SC01  Prerequisites: 72 credit points of science units  Credit points: 12  Contact hours: 4 per week

NRB310 GENETICS
Introduction to basic genetics. Topics include: the molecular basis of genetics, Mendelian genetics, nuclear and cytoplasmic inheritance, genotype-phenotype interactions, quantitative and behavioural genetics, and basic evolutionary theory.

Courses: ED50, SC01, LSB118  Prerequisites: LSB118  Credit points: 12  Contact hours: 4 per week

NRB311 POPULATION ECOLOGY
A broad theoretical background in the major concepts of plant and animal ecology. Topics include: ecology of single populations, life history and demography, interactions within and between populations, population regulation, management, behavioural ecology, energetics and biogeography.

Courses: ED50, SC01  Prerequisites: NRB100 or LSB118  Corequisites: NRB312  Credit points: 12  Contact hours: 4 per week

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  Credit points: 12  Contact hours: 4 per week

NRB330 STRUCTURAL GEOLGY
Considers the structure 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, homogenous and non-homogenous 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, pre-existing 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 involves mapping and analysing deformed rocks.

Courses: SC01  Prerequisites: NRB230, MAB100, PCB101  Credit points: 12  Contact hours: 4 per week

NRB331 SEDIMENTARY GEOLOGY
Types of sediments and their classification and occurrence; textures; grain size and analysis; and sedimentary depositional environments. The analysis of maps and sedimentary successions is approached using sediment type, stratigraphy, and biostratigraphy. Applications considered cover environmental studies, coastal and land management, and mineral, petroleum and other resource assessment.

Courses: SC01  Prerequisites: NRB230  Corequisites: NRB333  Credit points: 12  Contact hours: 4 per week

NRB332 ENVIRONMENTAL GEOSCIENCE
Considers physical and chemical processes occurring at or near the earth’s surface, and their interrelationship with human impacts. The physical part of the unit covers the various types of landforms, their setting and distribution, the various processes of weathering, erosion, mass wasting, subsidence and effects of climate. The geochemical part of the unit incorporates theory, laboratory analysis and specific applications. The theory is an introduction to the inorganic chemistry of earth materials. Covered are basic chemical principles, bonding forces, covalent and ionic radii and trace elements. The geochemistry of aqueous environments and water chemistry are covered in some detail. Stable isotope geochemistry of both aqueous and solid material are covered.

Courses: SC01  Prerequisites: NRB230, PCB142  Credit points: 12  Contact hours: 4 per week

NRB333 MINERALOGY
Crystallography, symmetry, Miller indices, axial ratios, crystal forms, classes, systems, lattices, unit cell, crystal chemis-
try, 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 identification of minerals in transmitted light; the introduction to mineralogy with theory of reflected light; optical properties of ore minerals and identification of minerals in thin section, polished section and grain mounts.

Courses: SC01  Prerequisites: NRB320  Credit points: 12  Contact hours: 4 per week

NRB370 INVERTEBRATE BIOLOGY
Introduction to the invertebrate animals which are responsible for most of the animal biodiversity on this planet and are represented in all habitats. They have evolved a vast array of morphological, anatomical and physiological adaptations which enable them to survive and thrive in virtually all environments which support life on earth. This subject provides a foundation for NRB570 and NRB670.

Courses: SC01, ED50  Prerequisites: LSB118  Credit points: 12  Contact hours: 4 per week

NRB371 PLANT BIOLOGY
Plant biology: morphology, anatomy reproduction, taxonomy and identification in the plant kingdom; includes a small practical project; emphasis on species of economic value; a basis for further study in plant tissue culture, physiology and ecology.

Courses: ED50, SC01  Prerequisites: LSB228  Credit points: 12  Contact hours: 4 per week

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  Credit points: 12  Contact hours: 4 per week

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, determination of dispersion patterns, detecting competition and vegetation classification and mapping.

Courses: SC30  Prerequisites: NRB311, NRB312  Credit points: 12  Contact hours: 4 per week

NRB421 ENVIRONMENTAL MEASUREMENT TECHNIQUES
Introduction to the working principles and measurement with instruments commonly used for environmental monitoring in atmosphere, geosphere, hydrosphere and biosphere. Related problem solving exercises. Field measurements, monitoring surveys, orientation techniques, sample collection techniques, field and laboratory-based sample preparation exercises for various monitoring parameters. Instrument calibration, error analysis, time series and spectra analysis. Reporting of monitoring results. Multidisciplinary nature of the monitoring regimes.

Courses: SC01  Prerequisites: PCB142  Credit points: 12  Contact hours: 4 per week  Incompatible with: NRB300

NRB430 MINERAL DEPOSITS & MINE GEOLOGY
Introduces the main ore concentration mechanisms, according to classical and modern ore genesis theory; and the role of the mine geologist. Economic materials are studied under the headings: Mineralogy, genesis, use and value, mining methods, beneficiation, major overseas deposits, Australian deposits. A comprehensive range of metalliferous and non-metalliferous deposits are examined.

Courses: SC01  Prerequisites: NRB333  Credit points: 12  Contact hours: 4 per week

NRB431 GEOLOGICAL FIELD METHODS
Field-oriented and provides students with a practical understanding of field techniques with an emphasis on stratigraphy and geological mapping. The student is taught to make accurate geological observations and record them; collect geological specimens; transfer this information to previously prepared maps, sections and other forms of data storage, geological mapping and interpretation; prepare geological reports. The unit will include half day field trips and an extended weekend or week-long trip.

Courses: SC01  Prerequisites: NRB330, NRB331  Credit points: 12  Contact hours: 4 per week

NRB432 LITHOLOGY & PETROGRAPHY
Description and classification of igneous, sedimentary and metamorphic rocks in thin section and hand specimen; the identification, classification and interpretation of textures. Fieldwork is a compulsory part of the unit.

Courses: SC01  Prerequisites: NRB333, PCB142  Credit points: 12  Contact hours: 4 per week

NRB433 GEOPHYSICS
An introduction to the theory of solid earth and exploration geophysics; seismology, seismic refraction and reflection, gravity, magnetic, palaeomagnetic, radiometric, electrical including resistivity and induced polarisation, electromagnetic, and well logging techniques; the reduction and manipulation of geophysical data and interpretation in geological terms; field data acquisition and computer modelling; practical studies of the main techniques are included, and students gain experience in a variety of techniques during a field excursion.

Courses: SC01  Prerequisites: NRB330, MAB111  Credit points: 12  Contact hours: 4 per week

NRB440 ENVIRONMENTAL CHEMISTRY
An applied unit which combines many of the concepts that have been developed in the traditional chemistry disciplines and applies them to the understanding of the chemical principles underlying environmental processes. The unit builds on the core studies of environmental science, using chemical examples. The focus of the unit is in physical chemistry of the air, water and soil environments, but aspects of analysis will also be discussed.

Courses: SC01  Prerequisites: PCB142  Credit points: 12  Contact hours: 4 per week

NRB470 CHORDATE BIOLOGY
Introduction to the chordates. Although fewer than 5% of the named species of animals belong to this group they receive the most attention from zoologists, and people in general. Emphasis will be placed on systematics, structure and physiological adaptations. This subject provides a foundation for NRB570 and NRB670.

Courses: SC01, ED50  Prerequisites: LSB228  Credit points: 12  Contact hours: 4 per week

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 Environmental Systems  Credit points: 12  Contact hours: 4 per week
NRB510 POPULATION GENETICS
An extension of LSB348 Genetics. 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
Credit points: 12
Contact hours: 4 per week

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
Credit points: 12
Contact hours: 4 per week

NRB530 METAMORPHIC GEOLOGY & PLASTIC DEFORMATION
The origin, formation, and geological history of igneous and metamorphic rocks as determined from field and laboratory studies of occurrences, mineral assemblages, rock compositions, and textures. Interpretation of rock and mineral compositional diagrams; application of experimental work, thermodynamic studies and detailed computer modelling to interpret petrochemical processes and phase equilibria. Practical work examines the petrography and deformation fabrics of metamorphic rocks. A practical integrates all aspects of the subject.
Courses: SC01
Credit points: 12
Contact hours: 4 per week

NRB531 SEDIMENTOLOGY & BASIN ANALYSIS
Focuses on principles of fluid flow, flow regimes, sedimentary processes; concepts of facies analysis and sequence stratigraphy; facies and sequence models for the following systems: alluvial, deltaic, estuarine, shoreline, shelf, turbidite, carbonate, lacustrine, and evaporite; how these systems respond to accommodation-space changes induced by changes in tectonic, eustatic, and climatic conditions through time; integration of geophysical, geochemical, biostratigraphical, palaeoecological, diagenetic, thermal, and other specialist datasets to the process of basin analysis.
Courses: SC01
Credit points: 12
Contact hours: 4 per week

NRB532 ORE GENESIS
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, and techniques of ore deposits.
Courses: SC01
Credit points: 12
Contact hours: 4 per week

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
Corequisites: NRB530, NRB531
Credit points: 12
Contact hours: 1 per week plus 3 week field trip

NRB570 EVOLUTION OF AUSTRALIAN BIOTA
While having its origin in the ancient, southern continent of Gondwana, the Australian biota is the product of evolution in an isolated continent. As a consequence Australia has a distinctive flora and fauna with many taxa unique to the continent. In this subject the general biology, evolutionary history and morphological and physiological adaptations to Australian conditions of indigenous flora and fauna are explored.
Courses: SC10
Credit points: 12
Contact hours: 4 per week

NRB571 MARINE BIOLOGY
An introduction to the structure and behaviour of marine ecosystems. The chemical and physical properties of the ocean such as sea water, ocean circulation, waves, and tides are examined along with the properties of the various marine communities that occupy marine systems. These include the benthic, intertidal, coral reef, and pelagic communities. The effects of the human presence upon the marine ecosystem, including fishing and pollution, will also be discussed.
Courses: SC01; ED50
Credit points: 12
Contact hours: 4 per week

NRB600 ISSUES IN RESOURCE MANAGEMENT
Positive and negative aspects of humanity’s utilisation of resources are critically analysed. Topics include major current consequences of resource use for such things as food production, water supply, renewable mineral and energy production.
Courses: SC01; ED50
Credit points: 12
Contact hours: 4 per week

NRB610 APPLIED ECOLOGY
In conjunction with the companion unit Conservation Biology, this unit integrates the content of a number of previous ecology units into applied approaches to the management of populations and systems. The two units can be undertaken independently but maximum benefit will be obtained if they are taken concurrently. A major case study provides the vehicle for developing concepts and methodologies relevant to the monitoring and assessment of management options.
Courses: SC01
Credit points: 12

NRB611 CONSERVATION BIOLOGY
Focuses on: community ecology and systems behaviour in terrestrial environments. The major theme is conservation and modern concepts of metapopulation dynamics. The subject will focus on concepts from population biology and genetics which apply to the conservation and management of threatened or endangered species, communities and ecosystems.
Courses: SC01
Credit points: 12

NRB630 EXPLORATION GEOSCIENCE
Focuses on: design of mineral exploration programmes, target generation, evaluation, time and budget schedules, and risk factors; an introduction to the theoretical basis of exploration geochemistry in different terrains and climate environments; techniques specific to exploration for diamonds, uranium, and gold; the role of statistics in design and interpretation of exploration geochemical programmes; the role of remote sensing in exploration.
Courses: SC01
Credit points: 12

NRB631 FOSSIL FUEL GEOLOGY
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: NRB430, NRB332  Credit points: 12  Contact hours: 4 per week

**NRB633 HYDROGEOLOGY**
Main focus on: the hydrologic cycle; the origin, occurrence and movement of groundwater; chemistry, quality and treatment 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 and their management, both of supply and of quality. 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: NRB332  Credit points: 12  Contact hours: 4 per week

**NRB634 IGNEOUS PETROLOGY & PETROCHEMISTRY**
The origin, formation and geologic history of igneous rocks as determined from field and laboratory studies of occurrences, mineral assemblages, rock compositions, and textures. Geochemistry of igneous rocks and isotopic systems. Interpretation of rock and mineral compositional diagrams; application of experimental work, thermodynamic studies and detailed computer modelling to petrochemical processes and phase equilibria. Practical work examines the petrography and geochemistry of igneous suites. A practical project based on a pre-existing comprehensive dataset integrates all aspects of the subject. Field studies are an essential component of the unit.

Courses: SC01  Prerequisites: NRB432/ESB462  Credit points: 12  Contact hours: 4 per week

**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: SC30  Prerequisites: NRB440, NRB500, PCB305  Credit points: 12  Contact hours: 4 per week

**NRB660 STUDIES IN NATURAL RESOURCE SCIENCES**
Studies in Natural Resource Sciences requires a student in consultation with a project supervisor to formulate a research problem with specific aims and objectives, develop the methodology to solve that problem, and to analyse and interpret the data in a way that results in the solution of a problem. Research problems may be field based and require the production of a detailed map, collection of representative samples, observation and analysis of specified features or occurrences, followed by some type of analysis of data. The type of analysis may be in the chemical laboratory, the ecology laboratory or could be a computer based analysis. The complete project will be presented as a formal report including interpretation of data. Appropriate use of the current literature is expected.

Courses: SC01  Prerequisites: Approval of the Head of School  Credit points: 12  Contact hours: 4 per week

**NRB670 AUSTRALIAN BIODIVERSITY**
Examines the interactions between the distinctive Australian plant and animal taxa with a set of physical and biological influences unique to the continent. Such interaction has led to the establishment of a variety of terrestrial communities in different Australian regions. Factors contributing to the establishment and maintenance of such communities are analysed as are species composition and species interactions.

Prerequisites: NRB370 or NRB371 or NRB470  Credit points: 12  Contact hours: 4 per week

**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.

Courses: SC60  Credit points: 60

**NRB730 RESEARCH METHODS & 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 on the research topic, and advanced skills workshops and exercises.

Courses: SC60  Credit points: 24  Contact hours: 3 per week

**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, SC80, SC71  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, SC80, SC71  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, SC80, SC71  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: NSRN102  
Credit points: 12

- **NSRN104 ADVANCED TOPICS IN NATURAL RESOURCE SCIENCES 1**
  Students develop an 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, SC80, SC71  
Credit points: 12

- **NSRN105 ADVANCED TOPICS IN NATURAL RESOURCE SCIENCES 2**
  A companion unit to NSRN104 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 NSRN104. 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 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, SC80, SC71  
Credit points: 12

- **NSBN113 VALUES, CULTURE & NURSING**
  Students gain an understanding of the complex interrelationships between philosophical principles, culture, nursing and health-related behaviours. It will draw upon contemporary nursing practice to facilitate the provision of culturally sensitive and relevant care in a culturally diverse world.

Courses: NS40, NS48  
Credit points: 12  
Contact hours: 3 per week

- **NSBN116 NURSING 1**
  An introduction to the key concepts underpinning nursing as a profession. Topics include: historical, social and political factors which have shaped the development of nursing practice; contemporary roles of the nurse; theoretical perspectives of nursing; nursing and health promotion.

Courses: NS40  
Credit points: 12  
Contact hours: 3 per week

- **NSBN121 NURSING 2**
  Further development of the key concepts underpinning nursing as a profession taught within a framework of communication. Topics include: the concept of client within the nurse-client relationship; theoretical perspectives of the helping relationship as applied to nursing; judgment and decision-making processes within the context of nursing practice; collaboration within the health care team and governance in nursing.

Courses: NS40  
Prerequisites: NSB116  
Credit points: 12  
Contact hours: 3 per week

- **NSBN122 CLINICAL PRACTICE 1**
  The development and application of skills which are fundamental to nursing practice: communication skills, health assessment skills, care planning skills, skills which support client comfort and safety. Students will engage in a variety of on-campus activities which include laboratory practice sessions. In addition, an off-campus clinical practicum will be undertaken in a health care setting.

Courses: NS40  
Corequisites: NSB121  
Credit points: 12  
Contact hours: Includes 2 weeks off-campus clinical experience

- **NSBN123 CLINICAL PRACTICE 2**
  Further development and application of the theoretical and practical knowledge and skills necessary in the provision of safe, effective nursing care in a variety of settings. Students will practise the application of problem-solving and technical skills in both University (on-campus) and clinical (off-campus) settings. The off-campus clinical practicum will be undertaken in a variety of health care settings which include hospitals, palliative care facilities and psychiatric-mental health facilities.

Courses: NS40  
Prerequisites: NSB122  
Corequisites: NSB213, NSB223  
Credit points: 12  
Contact hours: Includes 4 weeks off-campus clinical experience

- **NSBN123 CLINICAL PRACTICE 3**
  Further development and application of the knowledge and skills necessary in the provision of safe, effective nursing care in a variety of settings. Students will practise the application of problem solving and technical skills in both University (on-campus) and clinical (off-campus) settings. The off-campus clinical practicum will be undertaken in a variety of health care settings which include hospitals, palliative care facilities and psychiatric-mental health facilities.

Courses: NS40  
Prerequisites: NSB122, NSB212  
Corequisites: NSB221  
Credit points: 12  
Contact hours: 3 per week

- **NSBN223 CLINICAL PRACTICE 4**
  Further development and application of the knowledge and skills necessary in the provision of safe, effective nursing care in a variety of settings. Students will practise the application of problem solving and technical skills in both University (on-campus) and clinical (off-campus) settings. The off-campus clinical practicum will be undertaken in a variety of health care settings which include hospitals, palliative care facilities and psychiatric-mental health facilities.

Courses: NS40, NS48  
Prerequisites: SS101  
Credit points: 12  
Contact hours: 3 per week

- **NSBN224 RESEARCH APPROACHES IN NURSING**
  An understanding of the various approaches to research is central to contemporary nursing practice and the scholarly advancement of nursing knowledge. Topics addressed in this unit include the significance of research in nursing; methodologies used to research nursing practice; and appraisal of research reports.

Courses: NS40, NS48  
Credit points: 12  
Contact hours: 3 per week

- **NSBN225 INFECTION CONTROL PRACTICE**
  Students gain an understanding of the complex interrelationships between philosophical principles, culture, nursing and health-related behaviours. It will draw upon contemporary nursing practice to facilitate the provision of culturally sensitive and relevant care in a culturally diverse world.

Courses: NS40, NS48  
Credit points: 12  
Contact hours: 3 per week

- **NSBN230 MENTAL HEALTH NURSING**
  Students gain an understanding of the complex interrelationships between philosophical principles, culture, nursing and health-related behaviours. It will draw upon contemporary nursing practice to facilitate the provision of culturally sensitive and relevant care in a culturally diverse world.

Courses: NS40, NS48  
Credit points: 12  
Contact hours: 3 per week

- **NSBN231 NURSING 3**
  Provides theoretical foundations for clinical decision making and problem solving related to the promotion, maintenance and/or restoration of health for clients experiencing alterations in activity/exercise, nutritional/metabolic, elimination and sleep/rest patterns.

Courses: NS40  
Prerequisites: NSB116, NSB121  
Credit points: 12  
Contact hours: 3 per week

- **NSBN232 NURSING 4**
  Provides theoretical foundations for clinical decision making and problem solving related to the promotion, maintenance and/or restoration of health for clients experiencing alterations in neurological function, cognitive/perceptual, coping/pressure tolerance and value/belief patterns.

Courses: NS40  
Prerequisites: NSB116, NSB121  
Credit points: 12  
Contact hours: 3 per week

- **NSBN233 NURSING 5**
  Provides theoretical foundations for clinical decision making and problem solving related to the promotion, maintenance and/or restoration of health for clients experiencing alterations in activity/exercise, nutritional/metabolic, elimination and sleep/rest patterns.

Courses: NS40, NS48  
Prerequisites: SS101  
Credit points: 12  
Contact hours: 3 per week

- **NSBN234 RESEARCH APPROACHES IN NURSING**
  An understanding of the various approaches to research is central to contemporary nursing practice and the scholarly advancement of nursing knowledge. Topics addressed in this unit include the significance of research in nursing; methodologies used to research nursing practice; and appraisal of research reports.

Courses: NS40, NS48  
Credit points: 12  
Contact hours: 3 per week
■ NSB311 NURSING 5
Provides theoretical foundations for clinical decision-making and problem solving related to the promotion, maintenance and/or restoration of health for clients experiencing alterations in sexual-reproductive health, self-concept and/or self perception.

Courses: NS40, NS85
Prerequisites: NSB116 and NSB121
Credit points: 12
Contact hours: 3 per week

■ NSB312 NURSING 6
Provides the opportunity for students to gain an understanding of the key issues associated with the promotion, maintenance and/or restoration of health for families and communities. Family focussed nursing, primary health care, health promotion and community development theory related to Nursing practice is incorporated in this unit. Offered in Semester 2 only.

Courses: NS40, NS48 Elective
Prerequisites: NSB115, NSB116 and NSB121. No prerequisites for NS48 students. NS48 offered internally and externally.
Credit points: 12
Contact hours: 3 per week

■ NSB321 PROFESSIONAL PRACTICE DEVELOPMENT
Highlighting 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
Credit points: 12
Contact hours: 3 per week

■ NSB322 CLINICAL PRACTICE 4
This clinical unit offers students the opportunity to advance the knowledge, skills and attributes which characterise the beginning level nurse practitioner. Emphasis will be placed on extending students’ ability to critically reflect thus enhancing professional practice and the provision of safe, holistic care.

Courses: NS40
Prerequisites: NSB122, NSB212 and NSB222
Credit points: 12
Contact hours: 4 weeks off-campus clinical practice

■ NSB323 CLINICAL PRACTICE 5
This final clinical unit is designed to enable students to consolidate the knowledge and skills essential in the provision of safe, effective client care. Emphasis will be placed on students’ ability to critically reflect upon their practice and use a problem-solving approach to the provision and management of safe nursing care in preparation for a successful transition to beginning level practice as a registered nurse.

Courses: NS40
Prerequisites: NSB122, NSB212, NSB222
Credit points: 16
Contact hours: 6 weeks off-campus clinical experience

■ NSB412 CLINICAL ELECTIVE
This unit aims to enhance final year students’ ability to practice competently in a range of clinical situations. Students are provided with the opportunity to consolidate and extend their knowledge and skills by undertaking a series of self-directed, problem-based learning packages. A variety of teaching-learning strategies will be used which include case scenarios, computer-based and other related activities which will take place in the on-campus clinical laboratory.

Prerequisites: Clinical Practice, 1, 2 and 3
Credit points: 12

■ NSB413 ADVANCED RESEARCH IN APPROACHES TO NURSING
Provides students with the opportunity to further develop their capacity for research and scholarship in preparation for future studies in the Bachelor of Nursing (Honours) course.

Topics to be addressed include: statistical analysis descriptive statistics, sampling, estimation and inferential statistics; research process generation of researchable questions, literature review; theoretical frameworks in research, research methodology, ethical considerations and conducting research in the field.

Courses: NS48, NS40
Prerequisites: NSB224
Credit points: 12
Contact hours: 4 per week

■ NSB417 INTRODUCTION TO NURSING
Provides a framework within which students with advanced standing in the Bachelor of Nursing (Pre-registration) course can develop an evolving concept of nursing practice. Topics will include an historical, social and political analysis of the development of nursing, contemporary views of nursing as a profession, theoretical perspectives which underpin the development of nursing knowledge, the helping relationship as applied within a nursing context, clinical judgment and decision making within nursing and governance in nursing. This unit is for graduates of other disciplines only.

Courses: NS40
Credit points: 12
Contact hours: 3 per week

■ NSB419 INDEPENDENT STUDY
Provides the opportunity for students to independently explore a specific area of interest in nursing. The emphasis is on the further development of research and analytic skills and the ability to assimilate a substantial body of materials and sub-theme them to a clearly formulated argument.

Courses: NS40
Credit points: 8

■ NSB420 SPECIAL TOPIC
Provides the opportunity for groups of students to explore, in detail, an area of interest in nursing. The emphasis will be on the further development of knowledge and understanding in a particular area of nursing and skills in critical thinking and enquiry. The topics which may be studied are subject to availability.

Courses: NS40
Credit points: 8

■ NSN501 ADVANCED CLINICAL STRATEGIES
Provides registered nurses with advanced skills in the area of clinical problem solving across a variety of clinical contexts. Students undertake the unit in the initial stages of their specialisation course, and the knowledge and skills which they develop are extended and applied through the speciality units.

Courses: NS64, NS85, NS32
Credit points: 12
Contact hours: 3 per week

■ NSN502 NURSING KNOWLEDGE
Exploration of the content related to the historical and current development of nursing knowledge. Contemporary nursing practice is examined in relation to the development of nursing as a discipline in order to assist each student to reflect upon their conceptions of nursing as a field of study and practice.

Courses: NS64, NS85
Credit points: 12
Contact hours: 3 per week

■ NSN506 CLINICAL PROJECT
The opportunity to implement a project of clinical relevance and value which will lead to the resolution of practical issues facing nursing. It advances and extends the students learning from their clinical speciality and the supporting units.

Courses: NS85
Credit points: 24
Contact hours: Negotiated with Course Coordinator

■ NSN507 CONTEMPORARY ISSUES IN NURSING
Explores through the application of relevant theoretical frameworks contemporary political insight, social, economic and organisational issues in nursing practice. These issues have a major impact on the context within which nurses provide care. The unit content provides students with a body of knowledge to support their further development of nursing practice.

Courses: NS64, NS85, NS32
Credit points: 12
Contact hours: Negotiated with Course Coordinator
NSN508 ADVANCED READINGS IN NURSING
Provides the opportunity for students to access and review a body of literature relevant to an area of individual interest in nursing. This will enable students to extend their knowledge and understanding of a topic which is not specifically addressed elsewhere in the course. In addition, students undertaking this unit through participation in information retrieval and writing workshops, will have the opportunity to develop advanced skills in information retrieval, critical analysis and writing for publication.
Courses: NS64, NS85, NS32
Credit points: 12
Contact hours: Negotiated with Course Coordinator

NSN509 SPECIAL TOPIC
This unit provides for students to engage in a variety of learning strategies (eg distance education, individual learning contracts or group learning) to explore, in depth, an area of professional or discipline relevance which may be available from local or visiting scholars with particular expertise and knowledge of a specific area. The unit enables students to capitalise upon important learning opportunities which otherwise might not be possible.
Courses: NS64, NS85, NS32
Credit points: 12
Contact hours: Negotiated with Course Coordinator

NSN510 CLINICAL ELECTIVE 1
Explores the theoretical and practical knowledge and skills required to provide effective nursing care to patients with highly specialised nursing management problems. Students will have the opportunity to develop theory and clinical problem-solving skills intrinsic to the nursing care of a specific range of patients within a defined subspecialty nursing area. Content will be individually negotiated in order to meet the needs of nurses, in particular nursing specialty areas. Content may include clinical and theoretical concepts in cardiology, emergency, neuroscience, neonatal, or other specialty nursing areas.
Courses: NS32, NS64, NS85
Credit points: 12
Contact hours: To be advised by Course Coordinator

NSN511 CLINICAL ELECTIVE 2
Provides the opportunity for students to expand the professional knowledge and skills which have been acquired during Clinical Elective 1. Students will have the opportunity to acquire theoretical, conceptual and practical knowledge in a variety of advanced topics specific to developing knowledge and theory in specialised areas of nursing practice. The content in this unit will be individually negotiated to provide students with a further opportunity to explore the clinical and theoretical concepts introduced in previous units. Content may include advanced knowledge, skills, and attitudes in cardiology, emergency, neuroscience, neonatal, chemotherapy, palliative care, or other specialty nursing areas.
Courses: NS32, NS64, NS85
Credit points: 12
Contact hours: To be advised by Course Coordinator

NSN515 LEADERSHIP AND PROFESSIONAL PRACTICE
This unit aims to extend student’s 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.
Courses: NS64, NS85
Credit points: 12
Contact hours: 3 per week

NSN517 WOMEN’S HEALTH ISSUES
This unit aims to develop in students an understanding of clinical practice in the women’s health area, and to explore the theoretical, conceptual and practical knowledge required to provide effective care.
Courses: NS64, NS85
Credit points: 12
Contact hours: 3 per week

NSN521 CLINICAL SPECIALISATION 1
Provides an introduction to the theory, process and practice of nursing in a designated specialty area. Although a range of knowledge and skills is addressed, an emphasis is placed upon health promotion within the context of a specialty area of health care.
Courses: NS32, NS64, NS85
Credit points: 12
Contact hours: 3 per week

NSN522 CLINICAL SPECIALISATION 2
Develops students understanding of the theory, process and practice of nursing in a designated specialty area of nursing. Although a health promotion framework is reinforced, the emphasis in this unit is placed on the development of strategies to assist clients who are experiencing particular health dysfunctions.
Courses: NS32, NS64, NS85
Credit points: 12
Contact hours: 3 per week

NSN523 CLINICAL SPECIALISATION 3
Provides the opportunity for students to further develop and consolidate professional knowledge and skills which have been acquired during the previous clinical units. Students are facilitated to incorporate theoretical, conceptual and practical knowledge into the assessment, planning, implementation and evaluation of the are required by clients. Block practice.
Courses: NS32, NS64, NS85
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
Credit points: 12
Contact hours: 5 per week

OPB312 VISUAL SCIENCE 3
The performance of the eye as an optical system is considered in the context of ocular aberrations, refractive errors and image formation and quality. An introduction to visual performance characteristics includes absolute and relative thresholds, dark and light adaptation and relative luminous efficiency curves.
Courses: OP42
Prerequisites: PHB240, LSB230
Corequisites: PHB340, LSB451
Credit points: 12
Contact hours: 5 per week

OPB401 OCULAR & REGIONAL ANATOMY
The gross anatomy of the head and neck region with particular reference to the central nervous system. The macroscopic and microscopic anatomy of the orbit, extraocular muscles, eyelids, lacrimal apparatus, cornea, conjunctiva, sclera, uveal tract, lens, retina, optic nerve, aqueous, vitreous and the neural pathways and vascular circulation. Ocular embryology.
Courses: OP42
Prerequisites: LSB230, LSB451
Corequisites: OPB412, OPB415
Credit points: 10
Contact hours: 4 per week

OPB405 CLINICAL OPTOMETRY 4
Provides students with an understanding of the scope of clinical practice. Students learn the basics of communicating with patients, how to understand prescriptions and frame selection and adjustment procedures. Measurement of vision, and correct recording procedures will also be covered.
Courses: OP42
Prerequisites: OPB312
Corequisites: OPB415, OPB401
Credit points: 4
Contact hours: 2 per week

OPB412 VISUAL SCIENCE 4
Visual performance is examined with respect to its spatial and temporal characteristics. Perceptual aspects of vision as well as binocular and colour vision performance characteristics.
Courses: OP42
Prerequisites: OPB312, PHB340, LSB451
Corequisites: OPB401, OPB405, OPB415
Credit points: 12
Contact hours: 5 per week

OPB415 OCULAR PHYSIOLOGY
All aspects of ocular physiology including the vegetative physiology of various ocular structures, visual neurophysiology and an introduction to electrophysiological techniques.
Courses: OP42  Prerequisites: LSB230, LSB451, OPB312  
Credit points: 12  Contact hours: 4 per week

■ OPB504 OPHTHALMIC OPTICS 5
A continuation of OPB232 emphasising problems with spectacle lenses. Practical application of theory to ophthalmic dispensing in the laboratory.
Courses: OP42  Prerequisites: OPB401, OPB401, OPB412  
Credit points: 8  Contact hours: 4 per week

■ OPB505 CLINICAL OPTOMETRY 5
The clinical application of techniques learnt in OPB509 (studied concurrently) in the management of patients presenting for eye examinations.
Courses: OP42  Prerequisites: OPB412, OPB405, OPB401, OPB415  
Credit points: 8  Contact hours: 4 per week

■ OPB509 OPTOMETRY 5
The theory and practice of clinical procedures which are used in eye examinations.
Courses: OP42  Prerequisites: OPB412, OPB401, OPB405, OPB415  
Credit points: 18  Contact hours: 9 per week

■ OPB520 PHARMACOLOGY
General pharmacokinetic and pharmacodynamic principles. Mechanisms of action and therapeutic applications of drugs used in the treatment of central and peripheral systemic diseases.
Courses: OP42  Prerequisites: OPB401, OPB415, OPB412, LSB370  
Credit points: 6  Contact hours: 2 per week

■ OPB527 DISEASES OF THE EYE 5
The detection, diagnosis, referral and management of ocular disease. General pathological considerations. Writing reports, referral letters and referral procedures. The nature, aetiology and management of congenital, developmental, dystrophic and degenerative anomalies of the external and internal ocular structures and ocular adnexae. The ocular manifestation of systemic disease including cardiovascular, metabolic, endocrine, central nervous system and malnutritional disorders.
Courses: OP42  Prerequisites: LSB370, LSB491, OPB401, LSB451, OPB415  
Credit points: 8  Contact hours: 3 per week

■ OPB605 CLINICAL OPTOMETRY 6
A continuation of OPB505. The clinical application of techniques learnt in OPB509 and OPB609 (studied concurrently) in the management of patients presenting for eye examinations.
Courses: OP42  Prerequisites: OPB504, OPB505, OPB509, OPB520, OPB527  
Credit points: 8  Contact hours: 4 per week

■ OPB608 OCULAR PHARMACOLOGY
General pharmacological principles are presented as background to a study of pharmacological profiles of ophthalmic preparations; both diagnostic and topical therapeutic agents are considered. Particular emphasis is placed on those ophthalmic drugs used to facilitate an eye examination.
Courses: OP42  Prerequisites: OPB505, OPB509, OPB520, OPB527  
Credit points: 8  Contact hours: 4 per week

■ OPB609 OPTOMETRY 6
Continuation of the theory and practice of routine and advanced clinical procedures which are used when conducting a complete eye examination. Areas include the management of binocular vision anomalies, methods of examining the visual fields and the measurement of intra-ocular pressure.
Courses: OP42  Prerequisites: OPB605, OPB609, OPB617, OPB627  
Credit points: 12  Contact hours: 2 per week

■ OPB617 CONTACT LENS STUDIES 6
An introduction to the basic concepts of contact lens fitting. Areas covered include contact lens instrumentation, contact lens materials and designs, fitting and consultation techniques. The practical component of the unit focuses upon the fitting of contact lenses.
Courses: OP42  Prerequisites: OPB605, OPB609, OPB627  
Credit points: 6  Contact hours: 2 per week

■ OPB627 DISEASES OF THE EYE 6
A continuation of OPB509. The anatomical, physiological and pathological aspects of glaucoma. Its symptomatology, methods of detection and diagnosis, management and prognosis. Inflammatory diseases, trauma and tumours of the external and internal ocular structures and ocular adnexae.
Courses: OP42  Prerequisites: OPB509, OPB505, OPB520  
Credit points: 8  Contact hours: 4 per week

■ OPB705 CLINICAL OPTOMETRY 7
Clinical application of the procedures studied in OPB609 and OPB709 and includes the management of patients in the clinical situation.
Courses: OP42  Prerequisites: OPB605, OPB609, OPB608, OPB627, OPB617  
Credit points: 24  Contact hours: 13 per week

■ OPB709 OPTOMETRY 7
Continuation of OPB609. Provides knowledge and understanding of the theory and clinical procedures involved in paediatric optometry, low vision, colour vision and aniseikonia.
Courses: OP42  Prerequisites: OPB605, OPB609, OPB608, OPB627, OPB617  
Credit points: 8  Contact hours: 5 per week

■ OPB717 CONTACT LENS STUDIES 7
Lectures and practical sessions in advanced aspects of contact lens practice. Topics include the physiological consequences of contact lens wear; management of contact lens patients; fitting of lenses for keratoconus, extended wear and presbyopia. Practical sessions provide training in advanced diagnostic and fitting techniques.
Courses: OP42  Prerequisites: OPB617, OPB605, OPB608, OPB627, OPB609  
Credit points: 6  Contact hours: 2 per week

■ OPB750 PROJECT
Students are required to undertake project work in Year 4, Semesters 1 and 2, working in groups of up to three on projects of their own choosing or on a topic chosen from a suggested list. Topics must be original. Students conduct a literature search (including a computer-based search in conjunction with a reference librarian), decide on the experimental hypotheses, plan and execute the experiment, analyse the results and write a report in manuscript form which it is hoped is suitable for publication in the open literature. Oral presentations are given by each group to their peers, third-year students and staff, as part of a formal Year 4, Semester 2 colloquium.
Courses: OP42  Prerequisites: OPB605, OPB608, OPB609, OPB617, OPB627  
Credit points: 12  Contact hours: 2 per week
OPB803 OCCUPATIONAL/PUBLIC HEALTH OPTOMETRY
Introduces the basic concepts of eye safety and visual ergonomics. Content includes eye safety programs, occupational vision screening, legal aspects of eye safety, eye hazards: traumatic, radiation and chemical, eye protection, visual ergonomics and illumination engineering.

Courses: OPB805, OPB807, OPB750
Corequisites: OPB800, OPB750, OPB807
Credit points: 6
Contact hours: 2 per week

OPB805 CLINICAL OPTOMETRY
A continuation of OPB705. This unit places emphasis on the students’ decision-making skills in the evaluation, care and treatment of patients who may have a wide range of visual disorders.

Courses: OPB805, OPB705, OPB709
Corequisites: OPB750, OPB803, OPB807
Credit points: 32
Contact hours: 17 per week

OPB807 PRACTICE MANAGEMENT
Optometrists role in health care; professional and ethical behaviour; relevant state and federal Acts; professional associations; types of practice; optometric practice and the law.

Courses: OPB805, OPB803, OPB750
Corequisites: OPB805, OPB803, OPB750
Credit points: 4
Contact hours: 2 per week

PCA110 LABORATORY TECHNIQUES
Introduces safe and proficient procedures in the laboratory, and gives practice in the manipulation of common laboratory apparatus, equipment and reagents. On completion the student should be able to handle, correctly and safely, all the basic pieces of laboratory equipment and be familiar with their main functions and limitations. The program includes a formal treatment of laboratory safety and occupational health.

Courses: SC15
Credit points: 8
Contact hours: 3 per week

PCA140 CHEMISTRY
Focus on fundamental chemistry covering: the nature of chemistry; atomic, molecular and nuclear structure; bonding and types of bonds; the structure and nature of matter; molecular formulae, atomic and molecular weights; the periodic classification; reduction/oxidation, chemical equilibria; liquids and solutions and simple phase equilibria in electrolyte solutions; pH and its measurement; carbon chemistry and functional groups; the chemistry and properties of some common laboratory chemicals. Practical applications are emphasised.

Courses: SC15
Credit points: 8
Contact hours: 3 per week

PCA154 INTRODUCTORY PHYSICS
An introduction to the basic concepts involved in the study of linear mechanics, ideal gases, liquids and solids, elasticity, surface tension, temperature and its measurements, heat content, heat transfer, reflection and refraction of light at plane surfaces, use of lenses in simple optical instruments, current, electricity, e.m.f. resistance, circuit analysis, heating effects, electrical measurements using moving coil galvanometers, potentiometers and Wheatstone bridge, magnetic field with simple applications. A series of laboratory experiments emphasise the above concepts.

Courses: SC15
Credit points: 8
Contact hours: 3 per week

PCA210 ANALYTICAL CHEMISTRY
A lecture and laboratory program on the theory and techniques of both qualitative and quantitative analysis. Qualitative methods cover anion, cation, as well as simple organic functional group identifications. Titrimetric methods include neutralimetry, redoximetry, precipitimetry and compleximetry.

Courses: SC15, Prerequisites: PCA110/CHA110
Credit points: 12
Contact hours: 5 per week

PCA240 INSTRUMENTAL TECHNIQUES
An overview of the principles and practice of modern instrumental analysis, including the nature of electromagnetic radiation and its interaction with matter; use of visible, UV and IR spectroscopy; emission and absorption phenomena involving flame; X-ray, and inductively coupled plasma spectrometry; chromatographic techniques including gas chromatography and high performance liquid chromatography; mass spectrometry and electroanalytical methods. Included also is a requirement for completion of a Senior First Aid Certificate.

Courses: SC15, Prerequisites: PCA110 (or CHA110)
Corequisites: PCA210
Credit points: 12
Contact hours: 3 per week

PCA420 INDUSTRIAL CHEMISTRY
Unit operations in chemical processes, for example milling, drying, distillation and heat exchange. The underlying fundamental chemistry and the chemical technology involved in, for example, the petroleum and petrochemical industry, the polymer, plastics and adhesive industries, the paint industry, water treatment plants, metal extraction from ores, and the inorganic chemistry used in the fertilizer industry. Field trips are an integral part of this unit.

Courses: SC15
Prerequisites: PCB142, PCB242 (or CHA350, CHA371)
Credit points: 12
Contact hours: 4 per week

PCA450 ORGANIC CHEMISTRY
Expands the organic chemistry from PCB242 to include carbonyl compounds, carboxylic acids and their derivatives, organic nitrogen compounds and carbohydrates. Covered also are the chemistry and the uses of organic compounds encountered in industry, such as agricultural chemicals, fats and oils, waxes, detergents, dyes, drugs, elastomers, fibres, adhesives and cellulose derivatives.

Courses: SC15, Prerequisites: PCB242 (or CHA350)
Credit points: 12
Contact hours: 5 per week

PCB001 INTRODUCTORY PHYSICS
Designed for students without a SA or better in Senior Physics (or equivalent). Topics include: kinematics, mechanics, electricity and magnetism.

Courses: SC30, ED50
Credit points: 6
Contact hours: 3 per week

Incompatible with: SA or better in Senior Physics

PCB003 ENGINEERING CHEMISTRY (B)
The chemistry of carbon; covalent bonding; families of organic compounds, functional groups, their properties and reactions; biologically important molecules including carbohydrates, lipids, proteins, enzymes, synthetic polymers and their use in biomedical engineering.

Courses: ME46
Credit points: 8
Contact hours: 3 per week

PCB004 PHYSICS II
Provides a basic physics background for students who are enrolled in the Bachelor of Technology course. The content includes two main themes: mechanics and electrostatics/electromagnetism. Development of problem solving skills is an essential element of the course which includes an essential practical component.

Courses: CE31, ME35
Credit points: 12
Contact hours: 4.5 per week

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
Credit points: 12
Contact hours: 4 per week

PCB101 PHYSICAL SCIENCE
Introduces students to some of the basic concepts in Physical Science. Topics include matter and energy in various forms; conservation laws; heat and thermal physics; atomic and nuclear structure; structure of atoms and molecules; elements in biological processes; chemical reactions and chemical equations and calculations; extraction of elements from minerals;
Credit points: SA or better in at least 3 semesters of Senior Maths B or equivalent  
Corequisites: None  
Credit points: 12  
Contact hours: 4 per week

**PCB178 PRINCIPLES OF MEDICAL RADIATIONS**  
Principles of medical imaging and methods of detection, diagnosis and treatment of cancer.  
Courses: PH38  
Credit points: 12  
Contact hours: 5 per week

**PCB240 OPTICS 1**  
The nature of light and related technology is presented in detail with examples drawn from both technical and everyday applications. Specific topic areas to be covered include: principles of geometrical optics, reflection and refraction of monochromatic, par-axial rays for spherical surfaces and thin lenses, monochromatic and chromatic aberrations, the wave nature of light: interference, interferometry, diffraction, polarisation, optical instruments, photometry, lasers, evaluation of optical systems.  
Courses: SC01, OP42  
Prerequisites: PCB101 or SA or better in Senior Physics  
Credit points: 12  
Contact hours: 5 per week

**PCB242 CHEMISTRY 2**  
Calorie counting – the underlying principle; speed control of chemical and biochemical processes; introductory organic chemistry; organic functional group chemistry; stereochemistry of organic compounds; biologically important organic compounds; heterocyclic chemistry; biologically important inorganic compounds.  
Courses: ED50, LS37, OP42, PU42, PU44, SC01, SC15  
Prerequisites: PCB142  
Credit points: 12  
Contact hours: 6 per week

**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, SC01  
Prerequisites: PCB101 or PCB107  
Credit points: 12  
Contact hours: 4 per week

**PCB263 PHYSICS 2E**  
Extension of PHB150 including fluids, AC, DC circuit theory, with emphasis on electronics and instrumentation, fields, modern and nuclear physics. Fluid mechanics. Biomechanics.  
Courses: ED50, PU40  
Credit points: 12  
Contact hours: 4 per week

**PCB272 RADIATION PHYSICS 1**  
Electrostatics, electromagnetism, the production of X-rays and their interaction with matter.  
Courses: PH38  
Credit points: 12  
Contact hours: 4 per week

**PCB276 GENERAL RADIOGRAPHY 1**  
A program of lectures relating to radiography of the skeletal system.  
Courses: PH38  
Prerequisites: LSB145, PCB178  
Corequisites: LSB245, PCB277  
Credit points: 12  
Contact hours: 6 per week

**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  
Credit points: 12  
Contact hours: 5 per week
- **PCB286 TREATMENT PLANNING 1**
  Introduction to the techniques of radiotherapy treatment planning.
  Courses: PH38
  Prerequisites: PCB178
  Credit points: 12
  Contact hours: 6 per week

- **PCB287 MEGAVOLTAGE THERAPY 1**
  Introduction to the basic techniques of radiotherapy including beam direction and defining devices.
  Courses: PH38
  Prerequisites: PCB178
  Credit points: 12
  Contact hours: 6 per week

- **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: CH32, ED50, SC01, SC15
  Credit points: 12
  Contact hours: 6 per week

- **PCB313 RADIOGRAPHIC IMAGE INTERPRETATION**
  Image formation in medical radiography, and the significance of diagnostic techniques and their image appearances in assessment of the lower extremity.
  Courses: PU43
  Credit points: 8
  Contact hours: 3 per week

- **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; absorptiometric methods (for example UV-visible spectrophotometry); electroanalytical methods including (conductometry, potentiometry and electrogravimetry); data handling.
  Courses: CH32, ED50, IF71, SC01, SC15
  Credit points: 12
  Contact hours: 5 per week

- **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
  Credit points: 12
  Contact hours: 5 per week

- **PCB354 STRUCTURE & MECHANISM IN ORGANIC CHEMISTRY**
  Organic stereochemistry; chirality; absolute configuration; recemic and meso compounds, applications in the areas of drugs, polymers and enzymes. Carbohydrate chemistry; monosaccharides, disaccharides and polysaccharides; reaction mechanisms; polarity; induction effects; addition reactions; nucleophilic substitution and addition; electrophilic additions; application to organic synthesis.
  Courses: CH32, ED50, SC01
  Prerequisites: PCB242
  Credit points: 12
  Contact hours: 5 per week

- **PCB360 PHYSICS 2**
  Integrates and enhances the knowledge gained in earlier units with applications to more complex and interesting systems. The unit also lays foundations for more specialised study in later units. Topics include: - Part A classical mechanics, the rocket problem, rotating systems and frames of reference, coriolis forces, weather systems, precession, fluids, hydrostatic pressure, Bernoulli’s and Poiseuille’s equations, viscosity, Stoke’s equation. Kinetic theory. Part B: relativity and quantum physics, postulates of special relativity and their implications, quantum theory of photoelectric effect, matter waves, wave-particle duality, uncertainty principle and its implications, the Bohr theory of the atom.
  Courses: SC01, ED50
  Prerequisites: MAB111, PCB250
  Credit points: 12
  Contact hours: 4 per week

- **PCB361 AC THEORY & 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: SC01
  Prerequisites: MAB111, PCB250
  Credit points: 12
  Contact hours: 6 per week

- **PCB375/1 RADIOGRAPHIC EQUIPMENT 1**
  Discussion of design considerations of X-ray generators and equipment for control of beam direction.
  Courses: PH38
  Credit points: 12
  Contact hours: 2 per week

- **PCB375/2 RADIOGRAPHIC EQUIPMENT 2**
  A study of the equipment used in specialised radiography, including mobiles, tomographic units, and mammographic units. An introduction to computer hardware and software.
  Courses: PH38
  Prerequisites: PCB375/1
  Credit points: 12
  Contact hours: 2 per week

- **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
  Credit points: 12
  Contact hours: 5 per week

- **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
  Credit points: 6
  Contact hours: 4 per week

- **PCB389 CLINICAL RADIOTHERAPY 1**
  Practical exercises in megavoltage therapy related to topics introduced in PCB287 and PCB286. The programs are carried out in clinical departments.
  Courses: PH38
  Prerequisites: PCB286, PCB287
  Corequisites: PCB389
  Credit points: 6
  Contact hours: 4 per week

- **PCB396/1 RADIOTHERAPY PLANNING & PHYSICS 2**
  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
  Credit points: 12
  Contact hours: 5 per week

- **PCB396/2 RADIOTHERAPY PLANNING & PHYSICS 2**
  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: PCB376/1
  Credit points: 12
  Contact hours: 4 per week

- **PCB397 MEGAVOLTAGE THERAPY 2**
  The principles and applications of megavoltage therapy in-
cluding techniques for specific sites. Practical exercises are performed in clinical departments.

Courses: PH38  Prerequisites: LSB245, PCB287  Credit points: 12  Contact hours: 5 per week

PCB402 CHEMICALS IN SOCIETY

An introduction to the role of chemistry and its products in our society. Historical and societal aspects are incorporated in the study of a number of relevant applications of chemistry in consumer products. Topics include: chemical hazards, drugs and medicine, water purity, food chemistry, synthetic substances and resources in the environment.

Courses: ED50, SC15
Prerequisites: PCB101 or equivalent  Credit points: 12  Contact hours: 5 per week

PCB404 SAFETY TECHNOLOGY 2

Vibration and noise, electrical hazards, sources and hazards of ionising and non-ionising radiation.

Courses: PU40, SC01  Prerequisites: PCB263 or PCB250  Credit points: 12  Contact hours: 5 per week

PCB414 INDUSTRIAL & 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), flame atomic emission and absorption); chromatography (GC and HPLC); electroanalysis. Special Notes: Available only in Semester 1 for PU40 students

Courses: ED50, IF34, IF71, PU40, SC01, SC15  Prerequisites: PCB142  Credit points: 12  Contact hours: 5 per week

PCB424 PROCESS PRINCIPLES

Principles of mass and energy balances for the analysis of many systems. Examples from industrial chemical processes, as well as some environmental and biological systems including batch, fed-batch, and continuous systems. Introduction to sources of data and to methods of estimating properties of materials; case studies showing the relevance of mass and energy balances.

Courses: CH32, SC01  Prerequisites: PCB305  Credit points: 12  Contact hours: 5 per week

PCB434 INORGANIC CHEMISTRY

Coordination chemistry; structure and bonding of metal complexes including crystal field and valence bond theories; spectroscopic terms and electronic transitions; aqueous solutions and thermodynamic effects on solubility and precipitation; redox reactions Pourbaix diagrams; HSAB theory; reaction mechanisms; chemistry of selected non-metals, lanthanides, actinides and precious metals, their extraction from ores and refining.

Courses: CH32, ED50, SC01  Prerequisites: PCB142  Credit points: 12  Contact hours: 5 per week

PCB444 SPECTROSCOPY


Courses: ED50, IF34, IF71, SC01  Prerequisites: PCB142, PCB354  Corequisites: Nil  Credit points: 12  Contact hours: 5 per week

PCB460 INSTRUMENTATION & 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, analysis packages, numerical simulation techniques.

Courses: SC01  Prerequisites: PCB361  Credit points: 12  Contact hours: 5 per week

PCB461 ELECTROMAGNETISM & THERMODYNAMICS


Courses: SC01  Prerequisites: MAB311, PCB240, PCB250  Credit points: 12  Contact hours: 5 per week

PCB476 SPECIAL PROCEDURES

Specialised techniques of radiography: the skull, obstetrics, gynaecology, CNS and paediatrics.

Courses: PH38  Prerequisites: PCB377, PCB379  Credit points: 12  Contact hours: 5 per week

PCB477 COMPLEMENTARY IMAGING TECHNIQUES

The physical principles, equipment and applications of medical ultrasound and nuclear medicine imaging.

Courses: PH38  Credit points: 12  Contact hours: 4 per week

PCB479 CLINICAL RADIOGRAPHY 2

Clinical experience in approved departments in radiographic examinations discussed in PHB376.

Courses: PH38  Prerequisites: PCB379  Corequisites: PCB476  Credit points: 6  Contact hours: 4 per week

PCB485/2 PRINCIPLES OF TREATMENT 2

A continuation of the detailed discussion started in PCB485/1 to include the principles of treatment of cancer in all sites and benign diseases.

Courses: PH38  Prerequisites: PCB485/1  Credit points: 4  Contact hours: 3 per week

PCB489 CLINICAL RADIOTHERAPY 2

Clinical experiences in approved departments in techniques of megavoltage therapy.

Courses: PH38  Prerequisites: PCB397, PCB389  Corequisites: PCB497  Credit points: 6  Contact hours: 4 per week
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
Credit points: 12 Contact hours: 4 per week

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
Credit points: 12 Contact hours: 4 per week

PCB504 INSTRUMENTATION
Transducers; basic electronics, op amps, noise, and reduction techniques, isolation, analogues to digital techniques, computer interfacing, C programming, signal processing, and digital filters.
Courses: ME46
Credit points: 8 Contact hours: 3 per week

PCB505 ADVANCED PHYSICAL CHEMISTRY
Dynamic electrochemistry, electrochemical processes including corrosion; advanced kinetics; quantum mechanics; surfaces and catalysts; thermodynamics.
Courses: CH32, ED50, IF34, IF71, SC01, SC30
Prerequisites: PCB305 Corequisites: Nil
Credit points: 12 Contact hours: 4 per week

PCB514 INSTRUMENTAL ANALYSIS
Provides theoretical and practical framework for analysis with advanced instrumental techniques: atomic spectroscopy; mass spectrometry; IR spectrometry; HPLC; auto-analysers and flow analysis; advanced methods of data analysis: multivariate analysis, pattern recognition, classification and prediction. Complementary practical program.
Courses: CH32, ED50, IF34, IF71, SC01, SC30
Prerequisites: PCB305 Corequisites: Nil
Credit points: 12 Contact hours: 5 per week

PCB524 UNIT OPERATIONS
Principles of particle mechanics, fluid mechanics, heat transfer and mass 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; unit operations include transport of solids or liquids, mechanical separations, mixing and dispersion processes, extractions, drying operations, heat exchange operations, evaporation, particle comminution, gas absorption, membrane processes and crystallisation. Role of unit operations in processes such as product recovery after chemical synthesis, mineral processing, treatment of industrial waste streams, and downstream processing in biotechnology.
Courses: CH32, ED50, IF34, IF71, SC01, SC30
Prerequisites: PCB424 Corequisites: Nil
Credit points: 12 Contact hours: 5 per week

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: SC01 Corequisites: PCB560
Credit points: 12 Contact hours: 5 per week

PCB554 SYNTHESIS AND REACTIVITY IN ORGANIC CHEMISTRY
Synthetically useful reactions for functional group interconversion in organic chemistry; the principles of synthetic planning in interconversion reactions, including terminology and general philosophies and applications to common organic name reactions; aromaticity and heteroaromatic chemistry.
Courses: CH32, ED50, IF34, IF71, SC01, SC30
Prerequisites: PCB354
Credit points: 12 Contact hours: 4 per week

PCB560 APPLIED NUCLEAR AND RADIATION PHYSICS
Topics covered in this unit include: nuclides-isotopes, decay mechanisms, decay laws, counting statistics, nuclear reactions, conservation laws, decay schemes, energy level diagrams, secular, transient and non equilibrium conditions, interaction of X-rays and gamma rays with matter, interaction of light and heavy charged particles with matter, detectors, gamma spectroscopy, nuclear force, nuclear model, nuclear reactors, particle accelerators and applications, astrophysics.
Courses: SC01 Corequisites: PCB250
Credit points: 12 Contact hours: 5 per week

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 fluorescent, electron microscopy, theory instrumentation and application of atomic emission and absorption spectroscopy, mass spectrometry, gas chromatography, Infra-red and Raman spectroscopy, neutron activation analysis, nuclear magnetic resonance, surface analysis techniques.
Courses: SC01 Corequisites: MAB112, PCB360
Credit points: 12 Contact hours: 4.5 per week

PCB575 MEDICAL RADIATION COMPUTING 2
Applications of computers in image processing and radiotherapy.
Courses: PH38, PH90 Corequisites: PCB475
Credit points: 8 Contact hours: 3 per week

PCB576 ADVANCED RADIOGRAPHIC TECHNIQUE 1
A study of the principles and techniques used in advanced radiographic techniques including angiography, the salivary glands, arthrography, sinography, arteriography and venography.
Courses: PH38 Corequisites: PCB476, PCB479
Credit points: 8 Contact hours: 4 per week

PCB577 QUALITY ASSURANCE/IMAGE EVALUATION
The principles and techniques used in the quality assurance of medical imaging apparatus and ancillary equipment.
Courses: PH38 Corequisites: PCB578
Credit points: 8 Contact hours: 4 per week

PCB578 IMAGE INTERPRETATION
Lectures and practical exercises on image interpretation including technical and diagnostic quality.
Courses: PH38 Corequisites: PCB476, PCB479
Credit points: 8 Contact hours: 4 per week

PCB580 /I CLINICAL RADIOGRAPHY 3
Clinical experience in special radiographic procedures as introduced in PHB476.
Courses: PH38 Corequisites: PCB476, PCB479
Credit points: 8 Contact hours: 4 per week
UNIT SYNOPSIS

■ PCB580 /2 CLINICAL RADIOGRAPHY 3
Clinical experience in advanced radiographic techniques as introduced in PCB576.
Courses: PH38  Prerequisites: PCB576, PCB580/1
Credit points: 8  Contact hours: 4 per week

■ PCB584 FORENSIC EXAMINATION OF PHYSICAL EVIDENCE
This unit provides a theoretical and practical framework for collection, handling and examination of examples of physical evidence from a crime scene. An overview of the crime scene; evidence discovery; collection transport, storage, examination and court presentation. Principles of optical and electron microscopy. Principles of photography in physical evidence (silver and digital). Questioned document and fingerprinting.
Courses: CH32, ED50, IF34, IF71, SC01, SC30
Prerequisites: PCB242, PCB414  Corequisites: Nil
Credit points: 12  Contact hours: 4 per week

■ PCB587 SPECIALISED RADIOTHERAPY TECHNIQUE 1
The specialised techniques of orthovoltage and superficial radiotherapy.
Courses: PH38  Prerequisites: PCB487, PCB489
Credit points: 12  Contact hours: 6 per week

■ PCB589 CLINICAL RADIOTHERAPY 3
Clinical experience in the techniques of radiotherapy employing orthovoltage and superficial therapy.
Courses: PH38
Prerequisites: PCB487, PCB489  Corequisites: PCB587
Credit points: 8  Contact hours: 4 per week

■ 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, e.g. analysis, enhancement and restoration; spatial filtering; Fourier space filtering; methods of image reconstruction; applications of image processing in medicine.
Courses: PH38, SC01  Prerequisites: MBA100 or PCB107
Credit points: 12  Contact hours: 4 per week

■ PCB600 ADVANCED IMAGING PRACTICE 2
Topics from a number of areas and is designed to complement the particular background of persons undertaking the conversion program.
Courses: PH90  Credit points: 14

■ PCB604 PROJECT
A variety of chemical problems reflecting teaching, research and consultancy interest of the staff.
Courses: CH32, ED50, IF34, IF71, SC01, SC30
Prerequisites: Two relevant prerequisites from PCB434, PCB505, PCB554, PCB514, PCB524
Credit points: 12  Contact hours: 5 per week

■ PCB614 MATERIALS ANALYSIS
Provides a theoretical and practical framework of advanced analytical techniques for characterisation of materials including: surface analysis (XPS, ESCA, SIMS), thermal analysis (TG, DTA, DSC), vibrational spectroscopy (DRIFT, PAS, Raman and FTIR microscopy), solid state NMR, atomic emission spectroscopy.
Courses: CH32, ED50, IF34, IF71, SC01, SC30
Prerequisites: At least 4 units at advanced level in science majors/co majors
Corequisites: Nil
Credit points: 12  Contact hours: 4 per week

■ PCB624 PROCESS MODELLING, ANALYSIS AND EVALUATION
Topics to be covered include the analysis and evaluation of processes for the production of chemicals, minerals and biologicals, and wastewater treatment. Emphasis will be placed on reaction chemistry and engineering. Process evaluations will be supplemented by industrial field trips.
Courses: CH32, ED50, IF34, IF71, SC01
Prerequisites: PCB524
Credit points: 12  Contact hours: 5 per week

■ PCB634 ORGANOMETALLIC AND COORDINATION CHEMISTRY
Major topics covered are: organometallic chemistry, including metal-carbon bonding, main group and transition metal organometallates and applications of organometalllic compounds in synthetic chemistry; bioinorganic chemistry and physical methods of structure determination, such as single crystal X-ray diffraction.
Courses: CH32, ED50, IF34, IF71, SC01, SC30
Prerequisites: PCB434
Credit points: 12  Contact hours: 5 per week

■ 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: CH32, ED50, IF34, IF71, SC01, SC30
Prerequisites: PCB434, PCB505, PCB554
Credit points: 12  Contact hours: 4 per week

■ 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; radiation protection in medicine; radiation protection in mining and milling of radioactive ores; radioactivity in nuclear reactors; contaminated site rehabilitation and intervention principles; radiation protection in laboratories using radioactive sources; 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: SC01  Prerequisites: PCB404, PCB560
Credit points: 12  Contact hours: 5 per week

■ PCB660 QUANTUM & CONDENSED MATTER PHYSICS
Quantum Physics provides the basis for understanding the structure of nuclei, atoms, molecules and solids. An understanding of properties of condensed matter underpins the development and application of metals and semiconductors in a modern technological society. Specific topics to be covered: postulates of quantum mechanics, Schrodinger’s wave equation, eigenvalues and eigenstates, solutions of time-independent Schrodinger-equation, simple harmonic oscillator, the hydrogen atom, orbital and spin angular momentum, Pauli exclusion principle, atomic spectra and magnetic resonance, Planck’s law lattice dynamics and specific heat: phonons, Einstein and Debye theories, The free electron model: Fermi level, electronic specific heat, electrical conductivity, Fermi surface, band theory: periodic potential, energy gaps, metals, insulators and semiconductors.
Courses: SC01  Prerequisites: PCB461
Credit points: 12  Contact hours: 5 per week

■ 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.

**PCB662 ADVANCED TOPICS IN PHYSICS**

Provides students with an overview of current research areas and demonstrate the application of topics covered in previous units to these research areas.

**Courses:** PCB361, PCB460

**Credit points:** 12

**Prerequisites:** Four advanced level Physics units

**Contact hours:** 4 per week

**PCB670 ADVANCED RADIOGRAPHIC PRACTICE 2**

Includes topics from a number of other units and is designed to complement the particular background of students undertaking the conversion program.

**Courses:** PH90

**Credit points:** 20

**PCB672 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:** 12

**PCB673 PROJECT**

A supervised project involving either application of existing theoretical practical knowledge or a literature survey of a selected relevant topic.

**Courses:** PH38, PH90

**Credit points:** 12

**PCB674 RADIATION SAFETY & BIOLOGY**

A study of the philosophy and protocol of radiation protection. The question of protection is treated in a manner which brings into perspective the details of protection dealt with in other units of the course. The biological effects of ionising and non-ionising radiation.

**Courses:** PH38, PH90

**Credit points:** 8

**Contact hours:** 3 per week

**PCB676 ADVANCED RADIOGRAPHIC TECHNIQUE 2**

An extension of topics in advanced radiographic technique introduced in PHB576 to include mammography, techniques for examination of the lymphatic system, and emerging techniques.

**Courses:** PCB576, PCB580/1

**Credit points:** 12

**Contact hours:** 3 per week

**PCB679 CLINICAL RADIOGRAPHY 5**

Clinical experience in advanced radiographic techniques.

**Courses:** PH38

**Prerequisites:** PCB576, PCB579

**Credit points:** 14

**Contact hours:** 6 per week

**PCB681 COMPUTED TOMOGRAPHY IMAGING**

Lectures, practical exercises and clinical experiences in CT imaging.

**Courses:** PH38

**Credit points:** 12

**Contact hours:** 4 per week

**PCB682 MAGNETIC RESONANCE IMAGING**

Lectures, tutorial exercises in the physical principles and clinical techniques used in magnetic resonance.

**Courses:** PH38

**Credit points:** 8

**Contact hours:** 3 per week

**PCB683 ONCOLOGICAL IMAGING**

Principles and techniques of medical imaging used in the detection of cancer: CT, MRI, US and NM.

**Courses:** PH38

**Credit points:** 8

**Contact hours:** 3 per week

**PCB684 FORENSIC ANALYSIS AND TOXICOLOGY**

This unit provides a theoretical and practical framework for forensic technology and some other common kinds of forensic analysis. 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 in toxicology; analysis of arson samples; examination of trace evidence.

**Courses:** PCB242, PCB514

**Prerequisites:** Nil

**Credit points:** 12

**Contact hours:** 4 per week

**PCB685 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, three-dimensional plans.

**Courses:** PH38, PH90

**Prerequisites:** PCB585

**Credit points:** 12

**Contact hours:** 6 per week

**PCB687 SPECIALISED RADIOTHERAPY TECHNIQUE 2**

Specialised radiotherapy techniques including techniques applicable to the child patient and patients with communicable disease, theatre procedures, total body photon and electron therapy as well as complementary techniques.

**Courses:** PH38

**Credit points:** 12

**Contact hours:** 6 per week

**PCB689 CLINICAL RADIOTHERAPY 4**

Clinical experience in specialised radiotherapy treatment techniques.

**Courses:** PH38

**Prerequisites:** PCB589, and PCB685

**Corequisites:** PCB687

**Credit points:** 8

**Contact hours:** 4 per week

**PCB694 HIGH TECHNOLOGY MATERIALS**

A selection of the following: Oxide superconductors; optoelectronic devices; fibre optics; information storage devices; conducting and electro luminous polymers; intelligent polymers; energy storage devices; nano materials and fullerenes.

**Courses:** CH32, ED50, IF34, IF71, SC01, SC30

**Prerequisites:** At least two (2) Materials Sciences co-majors

**Corequisites:** Nil

**Credit points:** 12

**Contact hours:** 5 per week

**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

**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

**PCB706 QUANTUM MECHANICS**

Linear vector space; operators; eigenvalues and eigenvectors; physical variables and Hermitian Operators; action principle; matrix mechanics; potential scattering; Born approximation; perturbation theory; many particle systems; introduction to superconductivity.

**Courses:** SC60

**Credit points:** 12

**Contact hours:** 4 per week

**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

**Credit points:** 12

**Contact hours:** 4 per week

**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
Credit points: 12  Contact hours: 4 per week

■ PCN742 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

■ PCN780 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
Credit points: 24  Contact hours: 6 per week

■ PCN789 ADVANCED RADIOTHERAPEUTIC PRACTICE 1
Includes topics from a number of areas and is designed to complement the particular background of persons undertaking the conversion program.

Courses: PH90  Credit points: 16

■ PCN889 ADVANCED RADIOTHERAPEUTIC PRACTICE 2
Includes topics from a number of areas and is designed to complement the particular background of persons undertaking the conversion program.

Courses: PH90
Credit points: 20

■ PCN112 MEDICAL IMAGING SCIENCE
Introduction to the C programming language; programming techniques and algorithms; numerical analysis; and digital image processing.

Courses: PH71, PH80, SC60  Credit points: 12  Contact hours: 4 per week

■ PCN113 RADIATION PHYSICS
Radioactivity and the interaction of ionising radiation with matter; applied radiation counting techniques; biological effects of ionising radiation.

Courses: PH71, PH80, SC60  Credit points: 12  Contact hours: 4 per week

■ PCN114 MICROPROCESSORS & 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  Credit points: 12  Contact hours: 4 per week

■ 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 techniques 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  Credit points: 12  Contact hours: 3 per week

■ PCN162 PRINCIPLES OF MEDICAL ULTRASOUND
Principles of diagnostic ultrasound; physics of ultrasound; ultrasound equipment design and performance; image production and artefacts; general principles of scanning; patient and equipment care; use of coupling materials and acoustic windows and transducer selection.

Courses: PH71, PH80  Credit points: 12  Contact hours: 4 per week

■ 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. Full year unit.

Courses: PH71, PH80  Credit points: 12

■ PCN211 MEDICAL IMAGING
The physical principles involved in the production of radiographic, ultrasonic, magnetic resonance and nuclear medicine images; quality control protocols.

Courses: PH71, PH80, SC60  Credit points: 12  Contact hours: 4 per week

■ PCN212 RADIOTHERAPY
Overview of the application of physics to radiotherapy; theoretical and practical aspects of the major topics in radiotherapy physics.

Courses: PH71, PH80  Credit points: 12  Contact hours: 4 per week

■ PCN213 BIOMECHANICS/PHYSIOLOGICAL MEASUREMENT
The basic concepts and principles of measurement in dynamic physiological systems; principles of design, construction and operation of transducers, electrodes and other instrumentation.

Courses: PH71, PH80  Credit points: 12  Contact hours: 4 per week

■ PCN214 HEALTH & OCCUPATIONAL PHYSICS

Courses: PH71, PH80, SC60  Credit points: 12  Contact hours: 4 per week

■ PCN218 RESEARCH METHODOLOGY & PROFESSIONAL STUDIES
Literature searches – manual and computer based; data collection; recording and analysis; introduction to medical statistics. Writing of research proposals, reports and scientific papers. Basic management skills, ethics, professional issues.

Courses: PH71, PH80  Credit points: 12  Contact hours: 3 per week

■ PCN297 CLINICAL ATTACHMENT 2
A period of additional supervised clinical practice designed to expand and refine skills acquired in PCN197.

Courses: PH71, PH80  Prerequisites: PCN197  Credit points: 12

■ PCN355 CARDIOVASCULAR ULTRASOUND
The principles and equipment requirements of ultrasonic applications in the cardiovascular system; the clinical techniques and diagnostic criteria of such applications in particular those of the peripheral arterial and venous systems and the heart.

Courses: PH71, PH80  Prerequisites: PCN159, PCN197 (part one)  Credit points: 12  Contact hours: 4 per week

■ 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, PCN197 (part one)  Credit points: 12  Contact hours: 3 per week

■ PCN397 CLINICAL ATTACHMENT 3
A period of additional supervised clinical practice designed to expand and refine skills acquired in PCN297.

Courses: PH71, PH80  Prerequisites: PCN297  Credit points: 12

■ PCN520 PROJECT (FT)
The project may take the form of research development, a design, a feasibility study, or the collation of scattered informa-
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
Credit points: 48 (48 FT and 24 PT per semester)
Contact hours: 18 (FT) and 9 (PT) per week

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 project.

Courses: SC80
Credit points: 12

PCN705 RESEARCH METHODOLOGY
A guided program of literature surveys to provide the background information for the research project. This unit enables students to develop theoretical and communication skills required for the successful conduct of a chemical research project.

Courses: SC80
Credit points: 12

PCN710 CHEMICAL INSTRUMENTATION
Chemical instrumentation and electronics required for advanced level operation of scientific instrumentation.

Courses: SC80
Credit points: 12

PCN715 ADVANCED TOPICS IN PHYSICS 1
Provides a focused theoretical foundation for each students research program and develops a high level of theoretical understanding of the physical principles underpinning the research.

Courses: SC80
Credit points: 12

PCN716 ADVANCED TOPICS IN PHYSICS 2
See PCN715

Courses: SC80
Credit points: 12

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

PCN730 ADVANCED PHYSICAL METHODS IN CHEMISTRY
The theoretical and practical principles of selected physical methods in chemistry.

Courses: SC80
Credit points: 12

PCN740 LABORATORY TECHNIQUES FOR PREPARATIVE CHEMISTRY
The experimental techniques for the preparation and isolation of pure substances.

Courses: SC80
Credit points: 12

PCN801 TOPICS IN ADVANCED CHEMISTRY 2
See PCN701.

Courses: SC80
Credit points: 12

PHF002 PHYSICS
Introduces students to mechanics, sound, light, electricity; magnetism; electronics and nuclear physics; relevance to the real world activities is stressed by discussing the various applications of concepts learned.

Contact hours: 5 per week

PHR300 EDUCATION LAW & 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: ED43, ED50, ED51, ED52, ED54, ED55, IF70-79
Credit points: 12
Contact hours: 3 per week

PHR302 ADULT EDUCATION IN THE WORKPLACE & 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
Credit points: 12
Contact hours: 3 per week

PHR303 FIELD EXPERIENCE 1
Module one of this unit gives participants an understanding of the basic principles of self-directed learning and action learning, both of which underpin the Field Experience Program. Participants will also develop practical skills and understanding with respect to determining the education or training needs of adults. The second module is based on the Workplace Trainer Competency Standards Category 2. The students achieve the required performance criteria in a workplace situation.

Courses: ED54
Credit points: 12
Contact hours: 10/20 day placement; pre- and post-tutorials

PHR304 FIELD EXPERIENCE 2
Students undertake to complete any two of a specified set of modules. The modules are based on the Workplace Trainer Competency Standards Category 2. The students achieve the required performance criteria in a workplace situation.

Courses: ED54
Credit points: 12
Prerequisites: PHR303
Contact hours: 20 day placement; pre- and post-tutorial

PHR305 FIELD EXPERIENCE 3
Students undertake to complete any two of a specified set of modules. The seventh module is based on the Workplace Trainer Competency Standards Category 2. The students achieve the required performance criteria in a workplace situation.

Courses: ED54
Credit points: 12
Prerequisites: PHR304
Credit points: 12
Contact hours: 20 day placement; pre- and post-tutorial

PHR306 FIELD EXPERIENCE 4
Students undertake to complete two final modules. The seventh module is based on the Workplace Trainer Competency Standards Category 2. The students achieve the required performance criteria in a workplace situation. The eighth module is based on a negotiated project.

Courses: ED54
Credit points: 12
Prerequisites: PHR305
Credit points: 12
Contact hours: 20 day placement; pre- and post-tutorial

PHR307 ORIENTATION TO ADULT & 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
Credit points: 12
Contact hours: 3 per week

PHR308 THE GROUP IN ADULT & WORKPLACE EDUCATION
Introduction to the theory relating to groups and explores

Courses: ED54, ED26, ED61
Credit points: 12
Contact hours: 3 per week

PHR309 INSTRUCTIONAL STRATEGIES FOR ADULT & 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:** PRB307

**Credit points:** 12

**Contact hours:** 3 per week

**PRB310 PROGRAMMING IN ADULT & 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:** PRB309

**Credit points:** 12

**Contact hours:** 3 per week

**PRB331 LAW IN THE ADULT & 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

**Credit points:** 12

**Contact hours:** 3 per week

**PRB312 OPEN LEARNING & FLEXIBLE DELIVERY**

Deals with the concepts and research relating to open and distance learning as well as flexible and workplace-delivery using a range of communications and information technologies. Experience in the use of the technology and educational design, strategies and techniques is developed. (Students will need easy access to a computer and modem.)

**Courses:** ED54, ED61

**Credit points:** 12

**Contact hours:** 3 per week

**PRB325 PROFESSIONAL PRACTICE 2**

Consists of a 25 day block session with pre-placement on-campus tutorials. It concentrates on the development of those skills needed in teaching effectively units of work that are planned collaboratively with cooperating teachers. It challenges students to cater for the learning styles of their pupils by incorporating a rich variety of teaching strategies and classroom organisational skills. Students are expected, through analysis and reflection, to promote praxis between their university studies, their teaching and other school experiences.

**Courses:** ED50

**Prerequisites:** Curriculum Studies X/Y, PRB324

**Credit points:** 12

**PRB326 PROFESSIONAL PRACTICE 3**

This program of 20 days (ED54) – 25 days (ED50) aims at extending confidence and competence in teacher roles to a level commensurate with that of a beginning teacher. Preservice teachers assume full responsibility for implementing units of work. They draw upon their teaming and other professional skills in fulfilling teachers day-to-day responsibilities. Emphasis is placed on self-evaluation and critical reflection.

**Courses:** ED50, ED54

**Prerequisites:** PRB325 (ED50), PRB324 (ED54)

**Corequisites:** Curriculum Studies X/Y (ED50)

**Credit points:** 12

**PRB331 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

**Credit points:** 12

**Contact hours:** 3 per week

**PRB332 CLASSROOM & BEHAVIOUR MANAGEMENT**

Reviews and extends knowledge about managing learners to meet their needs in purposeful and responsive learning envi- ronments. 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

**Credit points:** 12

**Contact hours:** 3 per week

**PRB340 PRACTICE TEACHING 1 (0-5 YEARS)**

Twenty continuous days in a group care setting for infants and toddlers; observing recording and analysing the behaviour and learning of individual children and selected aspects of the teaching/caring learning environment; planning, implementing and evaluating learning opportunities for individuals and where appropriate, small groups, which foster communication, exploration and problem-solving and which take into account social and cultural contexts; adopting and promoting sound health and safety practice.

**Courses:** ED53

**Credit points:** 12

**PRB341 PRACTICE TEACHING 2 (0-5 YEARS)**

Twenty continuous days in a group care setting for children three-five years observing, recording and analysing the behaviour and learning of individuals and groups of children; recording and evaluating selected aspects of the teaching/caring/learning environment; planning, implementing and evaluating learning opportunities for individuals and groups which foster communication, exploration and problem-solving, creativity and self-expression and which take into account social and cultural backgrounds, and health and safety practices appropriate for three-five year old children in group care; assuming limited leadership responsibilities for the total program.

**Courses:** ED53

**Credit points:** 12

**PRB342 PRACTICE TEACHING 3 (ALTERNATIVE SETTINGS)**

Twenty continuous days in a selected service (early primary classroom, centre-based long day care, family day care, out-of-school hours care, occasional care, vocational care, work-related child care), observing, recording and analysing aspects of children’s behaviour and learning and the teaching/caring/learning environment; planning, implementing and evaluating a comprehensive curriculum which takes into account a selected social, political and/or curriculum issue previously researched and relevant to the selected service; communicating with children, parents, colleagues and the wider community; utilising organisational and administrative skills in the assumption of responsibility for the total program for an extended period; recording and analysing operational details of the service, the interaction and interrelatedness of components of the service, its management and structure.

**Courses:** ED53

**Credit points:** 12

**PRB343 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.

**Courses:** ED50, ED55, IF70-79

**Credit points:** 12

**Contact hours:** 3 per week

**PRB344 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.

**Courses:** ED50, ED55, IF70-79

**Prerequisites:** PRB343

**Credit points:** 12

**Contact hours:** 2 per week
■ PRB345 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.
Courses: ED50, ED54, IF70-79
Credit points: 12
Contact hours: 2 per week

■ PRB346 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.
Courses: ED50, ED55, IF70-79
Credit points: 12

■ PRB347 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.
Courses: ED51, ED56, IF84
Credit points: 12
Contact hours: 3 per week

■ PRB348 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.
Courses: ED51, ED56, IF84
Credit points: 12
Contact hours: 2 per week

■ PRB349 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.
Courses: ED51, ED56, IF84
Credit points: 12
Contact hours: 12 per week

■ PRB350 PRIMARY PROFESSIONAL PRACTICE 4: REFLECTIVE PRACTICE
Prior to graduation, students need to synthesise the range of skills, attitudes and knowledge sources that they have experienced through the course, to ensure an effective transition into professional practice. This unit attempts to pursue this goal through further developing teachers as reflective practitioners, taking responsibility for the shaping of educational practice from their own perspective.
Courses: ED51, ED56, IF84
Credit points: 12
Contact hours: 1 per week

■ PRB355 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
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12
Contact hours: 3 per week

■ PRB356 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
Prerequisites: PRB355
Credit points: 12
Contact hours: 3 per week

■ PRB357 BUSINESS COMMUNICATIONS & 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
Credit points: 12
Contact hours: 3 per week

■ PRB358 BUSINESS COMMUNICATIONS & 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: PRB357
Credit points: 12
Contact hours: 3 per week

■ PRB359 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
Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
Credit points: 12
Contact hours: 3 per week

■ PRB360 ECONOMICS CURRICULUM STUDIES 2
Continuation of PRB359. 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: PRB359
Credit points: 12
Contact hours: 3 per week

■ PRB361 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
Credit points: 12
Contact hours: 3 per week
UNIT SYNOPSES

- **PRB362 GEOGRAPHY 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, IF76, IF77, IF78, IF79
  Prerequisites: PRB361
  Credit points: 12
  Contact hours: 3 per week

- **PRB363 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, IF76, IF77, IF78, IF79
  Prerequisites: Normally the completion of 48 credit points in each relevant discipline area
  Credit points: 12
  Contact hours: 3 per week

- **PRB364 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, IF76, IF77, IF78, IF79
  Prerequisites: PRB363
  Credit points: 12
  Contact hours: 3 per week

- **PRB365 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, IF70, IF76, IF77, IF78, IF79
  Prerequisites: PRB365
  Credit points: 12
  Contact hours: 3 per week

- **PRB366 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, IF70, IF76, IF77, IF78, IF79
  Prerequisites: PRB365
  Credit points: 12
  Contact hours: 3 per week

- **PRB367 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
  Credit points: 12
  Contact hours: 3 per week

- **PRB368 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: PRB367
  Credit points: 12
  Contact hours: 3 per week

- **PRB370 DIRECTIONS IN SOCIAL EDUCATION**
  Analyses the contribution to social education in the classroom of areas, themes and topics, such as teaching for a better world, environmental education, peace and justice, effective citizenship, political literacy, human rights, development education, gender and equity, global education and futures education.
  Courses: ED51
  Credit points: 12
  Contact hours: 3 per week

- **PRB371 SOCIAL & ENVIRONMENTAL FOUNDATIONS**
  Explores from an interdisciplinary perspective a number of themes and topics 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
  Credit points: 12
  Contact hours: 3 per week

- **PRB372 THE AUSTRALIAN LEGACY**
  Examination of those forces which have shaped contemporary Australia. Through a consideration of this historical legacy, a better understanding of those social, economic and constitutional developments which are currently taking place in Australia can be achieved.
  Courses: ED51
  Credit points: 12
  Contact hours: 3 per week

- **PRB375 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 classroom programs and activities.
  Courses: ED51
  Credit points: 12
  Contact hours: 3 per week

- **PRB376 ORGANISATION & ADMINISTRATION OF ADULT & WORKPLACE EDUCATION**
  Explores and analyses organisational structures and comparative administrative practices found to be successful in adult and workplace education settings. Special attention is given to the impact of organisational form and function; financial provision; planning and management; and organisational policy on servicing the needs of clients. The effect of national and international policies and issues; and current legislative requirements on organisational and administrative designs and processes is examined closely. Social justice considerations such as ethical practice and equity are integral components of this unit.
  Courses: ED50, ED54, ED26
  Credit points: 12
  Contact hours: 3 per week

- **PRB377 STUDIES OF SOCIETY & ENVIRONMENT/HEALTH & PHYSICAL EDUCATION CURRICULUM I**
  Develops an introductory understanding of the nature and purpose of the Wiltshire Reports Studies of Society and Environment at the primary level. Current curriculum documents are analysed and teaching and learning strategies for their implementation are developed. The health section content includes: concepts and content incorporated in the philosophy of health education, the structure, management and evaluation of lessons in the school environment; planning learning experiences and developing health and physical education program modules.
  Courses: ED51
  Credit points: 12
  Contact hours: 3 per week
■ PRB378 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
Credit points: 12 Contact hours: 3 per week

■ PRB379 THE CONSUMER, SOCIETY & 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
Credit points: 12 Contact hours: 3 per week

■ PRB380 FUTURE SOCIETIES & ENVIRONMENTS
– AUSTRALIA, ASIA & THE PACIFIC
Provides a futures approach in the study of the rapidly changing Asian 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
Credit points: 12 Contact hours: 3 per week

■ PRB381 PROGRESSIVE STRATEGIES FOR GENERAL & 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 movement and competency based assessment, National Training Reform Agenda and National Standards Frameworks, RPL and RCC, inference from direct and indirect evidence, greater accountability in their decision-making actions and a futures perspective are but a few of the recent educational developments impinging on the profession of teaching. This unit promotes understanding and strategies which enable students to plan, implement and assess work programs in a manner consistent with contemporary educational thought.
Courses: ED50, ED55, IF70-79
Credit points: 12 Contact hours: 3 per week

■ PRB382 ADVANCED SKILLS OF EFFECTIVE LEARNING & 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
Credit points: 12 Contact hours: 3 per week

■ PRB383 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
Credit points: 12 Contact hours: 3 per week

■ PRB384 STUDIES OF SOCIETY & 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
Credit points: 12 Contact hours: 3 per week

■ PRB385 STUDIES OF SOCIETY & ENVIRONMENT/HEALTH & PHYSICAL EDUCATION CURRICULUM 2
Expands the foundation established in PRB377 by allowing students to focus on significant areas such as consumer education, political education, global education and legal education. Students will design innovative curriculum programs. In the physical education section, the content includes: concepts and content incorporated in the philosophy of education, the structure, management and evaluation of physical education lessons in the school environment; planning learning experiences and developing program modules and units.
Courses: ED51
Credit points: 12 Contact hours: 3 per week

■ PRB386 ENVIRONMENTAL FIELD STUDIES
Designed to identify and value a wide range of field study resources and venues. Extensive involvement with field study experiences will assist 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
Credit points: 12 Contact hours: 3 per week

■ PRB410 TEACHERS & 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, ED55, ED61, IF70-79
Credit points: 12 Contact hours: 3 per week

■ PRB412 CLASSROOM MANAGEMENT: MODELS & 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, ED55, ED61, IF70-79
Credit points: 12 Contact hours: 3 per week

■ PRB413 TEACHERS & ISOLATED LEARNERS
The isolated community; the isolated learner; consideration of various types of teaching situations in rural schools, especially small schools and distance education; teaching strategies; support services.
Courses: ED26, ED43, ED50, ED51, ED54, ED52, ED55
Credit points: 12 Contact hours: 3 per week

■ PRB414 TEACHING STRATEGIES
Evaluation of the students teaching strategies; the literature on teaching strategies; critical evaluation of strategies/models of teaching available.
Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED61
Credit points: 12 Contact hours: 3 per week
■ PRB415 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
Credit points: 12
Contact hours: 3 per week

■ PRB416 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, ED37, ED43, ED50, ED51, ED52, ED54, ED61
Credit points: 12
Contact hours: 3 per week

■ PRB417 EDUCATORS & THE LAW
Legal literacy; sources of education law; students and rights; students- law and schools; parents- law and education; educators rights and obligations; educators- and school-based accidents; educational malpractice; educational administration and law.
Courses: ED23, ED26, ED61
Credit points: 12
Contact hours: 3 per week

■ PRB419 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
Credit points: 12
Contact hours: 3 per week

■ PRB420 BUSINESS ORGANISATION AND MANAGEMENT
Designed to assist teachers to teach Business Organisation and Management in secondary schools and other educational and training settings. It examines the philosophy of such courses, typical content and appropriate teaching and assessment strategies.
Courses: ED26
Credit points: 12
Contact hours: 3 per week

■ PRB421 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
Prerequisites: 24 credit points in Business Education Curriculum units.
Credit points: 12
Contact hours: 3 per week

■ PRB422 EARLY CHILDHOOD PROFESSIONAL PRACTICE 1: CHILD CARE
Understanding socio-historical and contemporary contexts for young children in a range of settings for early childhood education and care: observing children and the planning cycle; the use of play, exploration, communication and problem solving by children from birth to five years; twenty days of supervised practice in a child care setting.
Courses: ED43, ED52, ED57
Credit points: 12
Contact hours: 2.5 per week
Incompatible with: EAB351

■ PRB423 EARLY CHILDHOOD PROFESSIONAL PRACTICE 2: 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, ED57
Credit points: 12
Contact hours: 2.5 per week

■ PRB424 EARLY CHILDHOOD PROFESSIONAL PRACTICE 3: 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
Credit points: 12
Contact hours: 2.5 per week
Incompatible with: EAB353

■ PRB425 EARLY CHILDHOOD PROFESSIONAL PRACTICE 4: CHOICE
Refining strategies for teaching and working collaboratively with children, parents and colleagues in early childhood contexts; student 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 students choice.
Courses: ED43, ED52, ED57
Credit points: 12
Contact hours: 2.5 per week
Incompatible with: EAB354

■ PRN601 CURRICULUM INQUIRY & RESEARCH
Framed by the context of trends, policies and practices which impact upon the decisions made by educators as curriculum practitioners. Curriculum inquiry and research are addressed with an appreciation of how curriculum trends, policies and practices have been framed and investigated in the past; how contemporary researchers and writers conceptualise curriculum as a field of inquiry and how curriculum practitioners are central in theorising about and transforming their own professional practice as curriculum leaders.
Courses: ED13, ED11
Credit points: 12

■ PRN602 PROFESSIONAL GROWTH & DEVELOPMENT
Designed for those practitioners who are interested in initiating and responding to curriculum change as both individuals and in collaboration with others. It assumes that curriculum leaders at different levels are required to be both proactive and reactive towards such change and this unit seeks to develop understandings which enable them to do this. This unit cultivated uniqueness and virtuosity, is guided by individual judgments in their context and leads to individual understandings and awareness of professional development issues.
Courses: ED13, ED11
Credit points: 12

■ PRN603 LEADING CHANGE IN CONTEMPORARY PROFESSIONAL PRACTICE
Considers a range of contemporary problems and issues in cultures and climates of inceasant 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

PRN604 ACHIEVING QUALITY IN EDUCATIONAL CONTEXTS
The processes of education and training are associated with implementing and ensuring quality procedures and outcomes. A major contributing factor in seeking quality in education is related to the formulation and application of appropriate assessment and evaluation techniques. The unit is designed for educational and evaluation activities for quality learning outcomes in a range of institutional, community and workplace contexts.

Courses: ED13, ED11
Credit points: 12

PRN605 FLEXIBLE DELIVERY: PEDAGOGICAL ISSUES & IMPERATIVES
Educators are being increasingly confronted with the need to design and deliver education and training in an open and flexible manner. This requires an understanding of the concepts and practices of open learning, distance learning and flexible delivery, in particular using a range of information technologies and telecommunications. This use of emerging technologies in an open learning approach is being accompanied by a shift to constructivist theory and practice whereby the individual learner, rather than the institution, assumes significant control of the learning process. This unit draws upon recent curriculum theory and research, with particular reference to pedagogical issues, in order to focus on the specific educator skills associated with the introduction and application of open learning and flexible modes of delivery.

Courses: ED13, ED11, ED61
Credit points: 12

PRN611 ADULT & WORKPLACE EDUCATION: PRINCIPLES & PRACTICES
The theoretical, 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
Credit points: 12
Contact hours: 3 per week

PRN612 LEGAL RISK MANAGEMENT & 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

PRN613 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
Credit points: 12
Corequisites: PRN611
Contact hours: 3 per week

PRN616 CRITICAL APPROACHES IN SOCIAL & ENVIRONMENTAL EDUCATION
The most exciting initiatives in social and environmental education over the past two decades have reflected visions of a world that is more peaceful, just and ecologically sustainable. These initiatives have been in areas including Development Education, Environmental Education, Global Education and Futures Education. All of these fields encompass critical pedagogical approaches. In this unit, students initially explore the philosophical assumptions of critical pedagogies, and then investigate their practical applications in major fields of social and environmental education. As well, students analyse current national and state educational policies, to evaluate the extent to which they offer for critical approaches in social and environmental education. Students are able to base their assignment work on their own areas of expertise and interest.

Courses: ED13, ED11
Credit points: 12

PRN617 ENVIRONMENTAL EDUCATION & INTERPRETATION
Provides teachers and interpreters with the theoretical and practical knowledge and skills to take a leadership role in the fields of environmental education and interpretation. Students will examine environmental concepts, the impact these have on teaching/learning approaches, the design and evaluation of environmental and interpretive learning experiences, the use of museums, exhibits and environmental centres as learning resources as well as teaching/interpreting controversial environmental issues and sites.

Courses: ED13, ED11
Credit points: 12

PRN618 CURRICULUM ISSUES IN SOCIAL & ENVIRONMENTAL EDUCATION
Some of the most enduring debates in social and environmental education focus on the role of disciplinary knowledge. For most of this century, educators in major Western countries have argued the relative merits of curricula based on single-disciplinary, multidisciplinary and interdisciplinary approaches. This unit provides opportunities for students to explore these issues in theoretical and practical curricular contexts.

Courses: ED13, ED11
Credit points: 12

PRN619 ISSUES IN ENVIRONMENT EDUCATION & INTERPRETATION
The development of research skills in students and providing them with the opportunity to critically explore issues in environmental education and make interpretations of personal professional relevance. Students undertake reading and research in an area of their choice and produce their findings in a seminar. In these seminars students critically evaluate current literature, controversial issues and debates in their area of study as well as present their findings in the form of a research report.

Courses: ED13, ED11
Credit points: 12

PRN620 CIVICS & CITIZENSHIP EDUCATION – ISSUES OF CURRICULUM & PEDAGOGY
Focuses on current debates about how civics and citizenship education should be theorised and practised in Australia. Students analyse changing notions of civics and citizenship, the challenges of postmodern conditions, and recent initiatives in the field. These provide contexts for the analysis and evaluation of curriculum and pedagogical approaches to civics and citizenship education. Students undertake an assignment involving critical analysis of a selected proposal and/or practice, and negotiate a second assignment task reflecting the focus of the unit.

Courses: ED13, ED11
Credit points: 12

PRN625 BUSINESS ADMINISTRATION/COMMUNICATIONS EDUCATION
Business educators and trainers working in the clerical/administrative fields are faced with continual opportunities and challenge, due to changes in the social, cultural, technological, economic and political environments. An opportunity is provided for students to develop the necessary research skills and learning strategies, and competence in advanced training strategies in order to take advantage of these opportunities and challenges.

Courses: ED13, ED11, ED61
Credit points: 12

PRN626 STRATEGIES FOR BUSINESS EDUCATORS & TRAINERS
Addresses major themes revolving around the workplace of the 1990s and beyond: preparation, planning, operation and management of training; evaluating, marketing and deliver-
ing training; and consulting. An opportunity is provided for students to study and critically examine advanced training and consulting methods, and then apply them to developing a training program and a consulting and marketing proposal relevant to their area of work within the field of business education and training. Teaching approaches are based on the principles of adult learning theory and practice.

Courses: ED13, ED11, ED61  Credit points: 12

- **PRN627 STRATEGIES IN ACCOUNTING & BUSINESS MANAGEMENT EDUCATION**
  Provides the opportunity for students to study and analyse important issues and trends relating to Accounting and Business Management Education, and then to apply their knowledge to investigating an issue or trend in their own work context. The unit also focuses on the training and curriculum development of Accounting and Business Management subjects.

Courses: ED13, ED11, ED61  Credit points: 12

- **PRN628 TRENDS & ISSUES IN BUSINESS EDUCATION & TRAINING**
  Provides the opportunity for students to study and analyse current issues and trends, and then to apply their knowledge to investigating an issue or trend in their own work context. The major themes to be covered in the unit relate to the identification and impact of international and national trends on the field of business education and training. Teaching approaches are based on the principles of adult learning and practice.

Courses: ED13, ED11, ED61  Credit points: 12

- **PRN629 MARKETING IN EDUCATIONAL CONTEXTS**
  Develops, then applies, marketing knowledge and skills, to various contexts. It allows students to produce a marketing application package to foster the teaching of marketing education in a variety of learning environments and to assist with the marketing of a variety of educational organisations and programs. It encourages a critically reflective view of the proposed educational response.

Courses: ED13, ED11, ED61  Credit points: 12

- **PRN635 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  Credit points: 12  Contact hours: 3 per week

- **PRN636 HIGHER EDUCATION: CURRICULUM DESIGN, DEVELOPMENT AND EVALUATION**
  Explores and critiques the theoretical and practical dimensions of designing, implementing and evaluating higher education curriculum initiatives that are responsive to changing trends, student diversity and client demand in a global educational context. Students will engage in an ongoing process of critique and reconstruction of their curriculum decision making and leadership practices to ensure high quality curriculum transformations in specific higher education contexts.

Courses: ED11, ED13  Credit points: 12  Contact hours: 3 per week

- **PRN637 HIGHER EDUCATION: RESPONDING TO EMERGING ISSUES, CHANGING CONTEXTS AND NEW POLICIES**
  Explores contexts and issues that are changing the shape of Higher Education throughout the world, and considers the policies being forged in response to these new contexts. Participants examine how universities are being affected by the challenges of globalisation and new technologies, their trends towards internationalisation, and dimensions of their changing organisation, governance, leadership and labour relations. Explore discourses including those of postmodernism, postcolonialism and the politics of difference, that are changing the nature of academic work.

Courses: ED11, ED13  Credit points: 12  Contact hours: 3 per week

- **PRN638 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 3 week block practicum 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  Credit points: 12  Contact hours: 3 per week

- **PRN639 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.

Courses: ED17, ED18, ED19  Credit points: 12  Contact hours: 3 per week

- **PRN640 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.

Courses: ED17, ED18, ED19  Credit points: 12  Contact hours: 3 per week

- **PRN641 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 responsibility 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.

Courses: ED17, ED18, ED19  Credit points: 12  Contact hours: 3 per week

- **PRN642 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  Credit points: 12  Contact hours: 3 per week
■ PRN643 PROFESSIONAL TEAMING, CASE & 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
Credit points: 24 Contact hours: 5-6 per week

■ PRN644 PROFESSIONAL INTERNSHIP & 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 practise 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.
Courses: ED17, ED18, ED19
Prerequisites: PRN641
Credit points: 12 Contact hours: 3 per week

■ PRN645 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: PRN642
Credit points: 12 Contact hours: 3 per week

■ PRP501 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
Credit points: 12 Contact hours: 3 per week

■ PRP502 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

■ PSB303 ANALYSIS OF SPATIAL MEASUREMENT 1
Surveying measurements and their assessment, propagation of variances, pre-analysis of survey tasks, least squares adjustment methods for various functional and stochastic models.
Courses: IF54, PS47, PS48 Prerequisites: MAB494, MAB893
Credit points: 6 Contact hours: 3 per week

■ PSB304 ANALYSIS OF SPATIAL MEASUREMENT 2
Generalised least squares, linearised observation equations approach to more extensive horizontal and 3-D networks including GPS data; Reliability of solutions and design of networks; Detection and treatment of systematic and gross errors.
Courses: IF54, PS47, PS48 Prerequisites: PSB303
Credit points: 6 Contact hours: 3 per week

■ PSB307 CARTOGRAPHY 2
Preparation of cadastral plans for survey actions over multiple amalgamations; building units and group titles; background tenures, mining tenures; detail survey plans: long and cross sections for engineering projects; digital data acquisition: types of digitisers and scanners; raster/vector conversions; digitising techniques; scanning problems; output devices; printers, plotters, scanner plotters, image setters.
Courses: IF54 Prerequisites: PSB306
Credit points: 10 Contact hours: 3 per week

■ PSB308 CARTOGRAPHY 3
Reprougraphics; graphic arts photography; film characteristics; emulsion properties; printing methods: offset lithography; gravure letterpress; requirements of originals; type and typesetting layout design; paper technology; ink technology, colour separation techniques and procedures for map production; half-tone photography for relief shading; desktop publishing: software capability and limitations.
Courses: IF54 Prerequisites: PSB307
Credit points: 8 Contact hours: 3 per week

■ PSB310 GEODESY 1
The earth’s gravity field, geopotential surfaces, geoid, undulations, deflection of vertical, level surfaces, normal, orthomorphic, dynamic heights; heighting systems and AHD; satellite geodesy, the GPS system, configuration, availability, reliability, ephemerides, error sources and error budgets; GPS receivers and software; GPS applications in point positioning, differential and kinematic mode; non-geodetic applications.
Courses: IF54, PS47, PS48 Prerequisites: PSB308
Credit points: 6 Contact hours: 3 per week

■ PSB311 GEODESY 2
Spherical and ellipsoidal harmonics; Gauss’ and Green’s formulae, Legendvand’s functions, Stokes’ formula; determination of geoid and best fitting spheroids; datums and transformations time systems; gravity, gravity and height anomalies; ocean and earth tides; other geodetic space techniques; geophysical aspects of geodesy; rotation of the earth, length of day, polar motion, UT1 and UT2.
Courses: PS47, PS48
Prerequisites: PSB310
Credit points: 6 Contact hours: 3 per week

■ PSB316 LAND ADMINISTRATION 2
An historical study of the development of land policy in Australia, highlighting the conflicts that have arisen from differing philosophies of land use and ownership; the basic principles and objectives of the Torrens system of land titling; concepts of government guarantee and indefeasibility; concepts of Estate, Tenure, Interests; the operation of the Torrens system in Queensland; Certificates of Title, easements, covenants, mortgages, dealings, transfers, lease, and so on.
Courses: IF54, PS47, PS48
Credit points: 6 Contact hours: 3 per week

■ PSB317 LAND ADMINISTRATION 3
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; land and surveying requirements of the relevant Acts: The Dividing Fences Act, The Water Resources Act, The Beach protection Act, The Acquisition of Land Act, The Harbours Act, The Canals Act, and so on.
UNIT SYNOPSIS

**PSB338 PROFESSIONAL PRACTICE**

*Courses: IF54, PS47, PS48*

*Credit points: 6*

*Contact hours: 3 per week*

**PSB340 REMOTE SENSING 1**
History and principles of remote sensing: electromagnetic radiation: interaction with the atmosphere; interaction with surfaces; types of imagery; image interpretation: satellite systems. Image resolution: elementary image classification: informational classes and spectral classes; unsupervised classification; supervised classification; other classifications; applications in the earth sciences.

*Courses: IF54, PS47, PS48*

*Prerequisites: PCB172*

*Credit points: 6*

*Contact hours: 3 per week*

**PSB343 SPATIAL INFORMATION SCIENCE 2**
Coordinate systems and geocoding: map projections; transformations. Vector data structures: storage of complex spatial objects; storage of lines; algorithms; polygon overlay operation; data structure and algorithms for surfaces, volumes and time; digital elevation models; accuracy of spatial databases; managing errors; line generalisation; visualisation of spatial data; colour theory.

*Courses: IF54, PS47, PS48*

*Prerequisites: PSB306, PSB326, PSB334, PSB342*

*Credit points: 8*

*Contact hours: 3 per week*

**PSB344 SPATIAL INFORMATION SCIENCE 3**
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: IF54, PS47, PS48*

*Prerequisites: PSB342*

*Credit points: 8*

*Contact hours: 3 per week*

**PSB345 SPATIAL INFORMATION SCIENCE 4**
Spatial information science application area: decision making in spatial information systems; spatial information planning; system planning; system building; system evaluation; costs and benefits.

*Courses: IF54, PS47, PS48*

*Prerequisites: PSB344*

*Credit points: 8*

*Contact hours: 3 per week*

**PSB346 SPHEROIDAL COMPUTATIONS**
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 coordinates. Seven parameter coordinate transformations; least squares parameter estimation; Point-to-point computation on the spheroid, Robbin’s long line and simplified formulae. Approximate methods; setting out parallels and meridians.

*Courses: IF54, PS47, PS48*

*Prerequisites: MAB494*

*Credit points: 6*

*Contact hours: 3 per week*

**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*

*Credit points: 12*

*Contact hours: 4 per week*
■ 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
Credit points: 12
Contact hours: 3 per week

■ 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
Credit points: 12
Contact hours: 3 per week

■ 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
Credit points: 12
Contact hours: 3 per week

■ 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: PS411
Credit points: 12
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 3 per week

■ 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
Credit points: 12
Contact hours: 3 per week

■ 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
Credit points: 12
Contact hours: 3 per week

■ 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
Credit points: 12
Contact hours: 4

■ 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
Credit points: 12
Contact hours: 3 per week

■ PSB433 PLANNING PROCESSES (URP ONLY)
Planning as a creative and value-based activity. The problemsolving 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
Credit points: 12
Contact hours: 3 per week

■ PSB434 LANDSCAPE CONSTRUCTION A (L/A 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
Credit points: 12
Contact hours: 3 per week

■ 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 living including; concepts and ideas of capitalism, the relation between production and current restructuring of production, social relationship.
Courses: BN31
Credit points: 12
Contact hours: 3 per week

■ 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  
**Credit points:** 12  
**PSB442 LANDSCAPE ECOLOGY (L/A ONLY)**  
(a) 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.  
(b) 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 broadscale regeneration and stabilisation.

**Courses:** BN31  
**Credit points:** 12

**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-culture cities.  
Urban Studies: Urban concepts and theoretical approaches to urban studies, Internal structure of 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  
**Credit points:** 12

**PSB444 LANDSCAPE CONSTRUCTION B**  
(L/A 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  
**Credit points:** 12

**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 for 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  
**Credit points:** 12

**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 interdisciplinary 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  
**Credit points:** 12

**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  
**Credit points:** 12
PSB610 GOVERNMENT
Study of Australian political institutions and how they affect land development.
Courses: PS47, PS48, BN31
Credit points: 12
Contact hours: 3 per week

PSB611 INTRODUCTION TO URBAN & 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; methodologies such as regional accounting and cost benefit analysis.
Courses: PS47, PS48, BN31
Credit points: 12
Contact hours: 3 per week

PSB612 SPATIAL & 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
Credit points: 12
Prerequisites: PSB631
Contact hours: 4 per week

PSB613 LAND DEVELOPMENT PRINCIPLES & POLICIES
Principles and policies concerned with sustainability of land development from an economic, ecological and social perspective.
Courses: PS47, PS48, BN31
Credit points: 12
Contact hours: 3 per week

PSB614 URBAN & 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, siege 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
Credit points: 12
Prerequisites: PS613
Contact hours: 4 per week

PSB615 URBAN & 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
Credit points: 12
Prerequisites: PSB614
Contact hours: 4 per week

PSB620 CADASTRAL SURVEYING & 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.
Courses: PS47, PS48
Credit points: 12
Contact hours: 5 per week

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
Credit points: 12
Prerequisites: PSB620
Contact hours: 4 per week

PSB630 CARTOGRAPHY & 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
Credit points: 12
Contact hours: 4 per week

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
Credit points: 12
Contact hours: 4 per week

PSB632 PHOTOGRAMMETRY
Courses: PS47, PS48
Credit points: 12
Prerequisites: PS631, PS642
Contact hours: 4 per week

PSB633 MAP PRODUCTION: PRINCIPLES & 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
Credit points: 12
Prerequisites: PSB632
Contact hours: 4 per week

■ 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 theodoloids, 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)
Credit points: 12
Contact hours: 5 per week

■ PSB641 ENGINEERING SURVEYING

Courses: PS47, PS48
Credit points: 12
Prerequisites: PSB640
Contact hours: 5 per week

■ 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
Credit points: 12
Contact hours: 5 per week

■ 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
Credit points: 12
Prerequisites: PSB642
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ PSB645 SURVEYING AND MAPPING PRACTICE
Field surveys for DTM’s 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
Credit points: 12
Prerequisites: PSB642
Contact hours: 4 per week

■ PSB650 PROJECT/ELECTIVE
(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

■ PSB651 PROJECT/ELECTIVE
(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

■ PSB652 TOPICS IN LAND ADMINISTRATION
(Subject to confirmation – proposed to be introduced from 2001) 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
Credit points: 12
Contact hours: 4 per week

■ PSB653 TOPICS IN SURVEYING ENGINEERING
(Subject to confirmation – proposed to be introduced from 2001) Students will study a special topic in Surveying Engineering as a course delivered by a specialist in that field. A unit outline will be prepared and issued before the commencement of that unit.

Courses: PS47, PS48
Credit points: 12
Contact hours: 4 per week

■ PSB654 TOPICS IN GEOGRAPHIC INFORMATION SYSTEMS
(Subject to confirmation – proposed to be introduced from 2001) Students will study Geographic Information Systems a series of lectures delivered by a specialist in that field A unit outline will be prepared and issued before the commencement of that unit.

Courses: PS47, PS48
Credit points: 12
Contact hours: 4 per week

■ 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
Credit points: 12
Contact hours: 4 per week

■ PSB911 REMOTE SENSING
Definitions and major systems for remote sensing; characteristic spectral reflectance of objects and spectral response of sensors; remote sensing acquisition hardware; remote sensing satellites; thermography and radar; data processing for presentation and enhancement; remote sensing digital image analysis and introduction to the remote sensing digital image software.

Courses: EE43
Credit points: 8
Contact hours: 3 per week

■ PSN207 PREPARATORY SPECIALISATION 1
Assists the student to explore their elected research area in greater breadth to assist the definition of the specialisation which will be developed in depth in the Specialisation and Research Project units; students will undertake study to develop a broad understanding of knowledge and skills related to the specific concentration and supporting the direction of the proposed Research Project topic. Study may be taken from professional level studies offered by the School, or units within the University or, where appropriate, through another university or through specialist studies offered by staff.

Courses: PS71
Credit points: 12
Contact hours: 3 per week
PSN208 PREPARATORY SPECIALISATION 2
Assists the student to explore their elected research area in greater breadth to assist the definition of the specialisation which will be developed in depth in the Specialisation and Research Project Units; students will undertake study to develop a broad understanding of knowledge and skills related to the specific concentration and supporting the direction of the proposed Research Project topic. Study may be taken from professional level studies offered by the School, or units within the University or, where appropriate, through another university or through specialist studies offered by staff.

Courses: PS71
Credit points: 12
Contact hours: 3 per week

PSN209 PREPARATORY ELECTIVES 1
Allows development of understanding of the breadth of issues related to the elected specialisation; students will elect unit/s from within professional level studies offered by the School, or 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 within the student’s specialisation.

Courses: PS71
Credit points: 12
Contact hours: 3 per week

PSN210 PREPARATORY ELECTIVES 2
Allows development of understanding of the breadth of issues related to the elected specialisation; students will elect unit/s from within professional level studies offered by the School, or 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 within the student’s specialisation.

Courses: PS71
Credit points: 12
Contact hours: 3 per week

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, PS69, PS70, PS71
Credit points: 12
Contact hours: 3 per week

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 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 2 requires the completion, communication and presentation of the research project to professional standard.

Courses: BN73, PS70, PS71
Credit points: 12
Contact hours: 3 per week

PSN213 SPECIALISATION
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 concentration 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.

Courses: PS71
Prerequisites: Completion of any prescribed qualifying units.
Credit points: 12
Contact hours: 3 per week

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: BN73, PS69, PS70, PS71
Credit points: 12
Contact hours: 3 per week

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 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
Credit points: 12
Contact hours: 3 per week

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
Credit points: 12
Contact hours: 3 per week

PSP020 LANDSCAPE STUDIES 1
Landscape Graphics 1: Effective skills in visual, written and oral communication lie at the core of design communication. This module seeks to establish a strong foundation to your skills in visual communication. Its emphasis is on manual graphic methods and you will be introduced to computer aided graphic techniques in later modules. Introduction to Practice 1: (continues into Introduction to Practice 2 – see PSP022 Landscape Studies 3) The concept of professionalism and contemporary social expectation of the profession. Laws, regulations and their interpretation. Formal oral communication including reports, instructions, proposals (including CV/folio), specifications, correspondence and text for publication. Formal oral communication techniques including meetings, conferences, interviews and speeches. Time and percentage measurement and costing related to the professional services of promotion, obtaining commissions, allocating time and resources to projects.

Courses: PS66, PS71
Credit points: 12
Contact hours: 5 per week

PSP021 LANDSCAPE STUDIES 2
Landscape heritage. History of form, content, influencing factors and implication of the creation and development of historically, regionally and religiously significant consciously designed landscapes throughout the world. Introduction to the concepts of conservation and preservation; structure of conservation legislation and responsibility in Australia. ICOMOS and the ‘Burra’ Charter. Landscape Ecology 1: The landscape
and its formative processes, their relationships with humans and their endeavours are essential knowledge for built envi-
ronment professionals. This unit includes relevant map and air
photo interpretation including types, sources, uses, and avai-
lability of maps and air photos, map reading, introduction to
photogrammetry and use of stereoscopes; interpretation of
maps, air-photography, and remote sensed imagery for retrieval
and communication.

Courses: PS66, PS71
Credit points: 12
Contact hours: 5 per week

PSP022 LANDSCAPE STUDIES 3
Landscape Graphics 2: combined application of freehand,
drafting, monochromatic and colour techniques; selection of
colour, theme and emphasis in graphic packages; realism, ab-
straction, and symbolism in landscape communication. Intro-
duction to Practice 2: see Landscape Studies 1 for common
synopsis.

Courses: PS66, PS71
Credit points: 12
Contact hours: 4 per week

PSP023 LANDSCAPE STUDIES 4
Planting design: introduces the operational influences on plant-
ing design (time and change, attitudes, and meanings) plus
design characteristics (structure and morphology) and crite-
rion. Naturally and culturally derived methods and precedents
will be studied. Horticultural issues of plant production and
availability, industry standards, plant handling and establish-
ment for all scales and types of planting, plant disorders and
treatment, plant management and maintenance. Landscape
ecology 2: the broad divisions of the earth in relation to cli-
mate and soils – biomes, formations, alliances, associations
and societies; the ecosystem concept and its development and
application historically and in Australia; biogeographic re-

ingen, provinces, land systems and land units; landscape struc-
ture and function; map air photo and remote sensed imagery;
introduction to photogrammetry and use of stereoscopes.

Courses: PS66, PS71
Credit points: 12
Prerequisites: PSP021
Contact hours: 5 per week

PSP024 ADVANCED LANDSCAPE STUDIES 1
Advanced Landscape Construction 1 (continues into Advanced
Landscape Studies 3); theory and techniques for construction
of platforms, land stabilisation, clearing and demolition, earth
dams, lakes and flood levees, broadscale stormwater drainage
and control, sports facilities and swimming pools, irrigation
systems. Associated engineering services and structures and the
planning/schedule/control of civil engineering works. Types of
documentation used for the implementation of landscape works
including working drawings, specifications, bills and schedules
of quantities, and methods of production. Emphasis is given to
use of computer support to build graphical data and attribute
data skills. Landscape Management A: relationship between
management and construction, management created/depend-
ent landscapes and construction created landscapes.

Courses: PS66, PS71
Credit points: 12
Prerequisites: PSP252
Contact hours: 4 per week

PSP025 ADVANCED LANDSCAPE STUDIES 2
Advanced Landscape Graphics: develop a variety of techniques
of presentation graphics with particular reference to three-di-

dimensional presentation in ‘drawn’ form. Quick techniques of
animation additions to presentation drawings will be illustrated
and emphasis on detail and understanding of design through
section and perspective exploration will be encouraged. Ad-
vanced Landscape Practice 1: introduction to research and qual-
ity control, principles of marketing, client analysis and
promotion; forum discussions will be structured around topical
issues as debates, panel discussions or seminars which may
involve visiting specialist lecturers and/or participants.

Courses: PS66, PS71
Credit points: 12
Prerequisites: PSP022
Contact hours: 4 per week

PSP026 ADVANCED LANDSCAPE STUDIES 3
Advanced Landscape Construction 2: see Advanced Land-
scape Studies 1 for common synopsis. Landscape Manage-
ment B: landscape assessment, including visual and scenic
quality, environmental impact assessment components and an
outline of current commonwealth, state and local government
environmental assessment procedures and applications. Com-
puter techniques: types of GIS, potential and problems, and
current issues, computerised three-dimensional modelling.
Advanced landscape ecology: structure of landscapes and
impact of human settlement; interaction between adjacent el-
ements, wind, soil and water; connectivity of habitats and the
dispersal of plants and animals; landscape and vegetation dy-
namics, scales of change; wildlife and conservation evalua-
tion. Rural land use issues, systems, resource planning, rural
land evaluation techniques. Resource management issues and
systems, resource inventories and evaluation techniques. Ap-
proaches to conflict resolution in resource management.

Courses: PS66, PS71
Prerequisites: PSP024
Credit points: 12
Contact hours: 4 per week

PSP027 ADVANCED LANDSCAPE STUDIES 4
Cultural Values: landscape as art or artefact; the scientific,
rationalist approach and evolving environmental romanticism;
functionalism, symbolism and meaning. Advanced Landscape
Practice 2: approved practical experience of at least three
weeks will be prerequisite to or corequisite with this unit, prin-
ciples of contract law, forms of contract, standard conditions
of contract and engagement, principles of contract adminis-
tration, case study, and professional presentation.

Courses: PS66, PS71
Prerequisites: PSP025
Corequisites: PSP219 (PS66 only)
Credit points: 12
Contact hours: 3 per week

PSP211 RESEARCH PROJECT 1 & ADVANCED
RESEARCH METHODS
Literature reviews. Review of quantitative and qualitative re-
search 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 methodol-
y, a satisfactory outline, and a coherent timeline. Comple-
tion of a focused, coherent research project.

Courses: PS70, PS72
Credit points: 12
Contact hours: 3 per week

PSP212 USER & CHARACTER DESIGN STUDIES
User and Character Design Studies introduces the concepts
of place and provides methods to analyse the ways people use
space. This is the initial design unit in the course and begins
with an introduction to the theory and vocabulary of site in-
terpretation. The unit provides the underpinning of knowl-
edge and skill needed to make an effective contribution to the
profession of Landscape Architecture.

Courses: PS66, PS71
Credit points: 12
Contact hours: 5 per week

PSP213 SITE PLANNING
Introduction to the processes of site planning and detailed site
design that lead to defensible and accountable solutions.
Application of site planning principles and theory for differ-
ett scales and types of projects; site utilisation and selection;
application of site survey and analysis techniques; natural and
human influences in physical design; environmental and so-
ical implications of design decisions; siting and integrating
activities, structures and services; landfill manipulation.

Courses: PS66, PS71
Prerequisites: PSP212
Credit points: 12
Contact hours: 4 per week

PSP214 RESIDENTIAL LANDSCAPE DESIGN
Introduction to the range of housing and subdivision types;
how private and common land is controlled and managed;
consequences for design. Controls, by-laws, standards and
regulations for residential development. Studio: an intensive
program requiring both group and individual work; written
critique of an existing development, preparation of layout
for a range of housing development types, and detailed land-
scape design within a specific development type.
Courses: PS66, PS71  Credit points: 12  Prerequisites: PSP213  Contact hours: 4 per week

PSP215 URBAN LANDSCAPE DESIGN
Theory: contemporary theories of urban design as they affect a range of urban landscapes, and emerging theories and concepts of regional and local economic development as they relate to sustainable landscapes in terms of living and working environments. Studio: a medium scale intensive/multiple use urban project which demands re-design and rehabilitation will be undertaken to apply theory lectures and seminars given during the course of the studio program. 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.

Courses: PS66, PS71  Prerequisites: PSP213  Credit points: 12  Contact hours: 4 per week

PSP216 LANDSCAPE PLANNING
The theoretical framework of landscape planning: relevant theories, methods and techniques for application in the landscape planning process. Studies will include medium to large scale projects involving a range of biophysical, cultural and social 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 landscape management options in the form of policies, guidelines and implementation strategies.

Courses: PS66, PS71  Prerequisites: PSP213  Contact hours: 4 per week

PSP219 ADVANCED LANDSCAPE DESIGN
Landscape design problems of increased scope, complexity and constraint with particular reference to a specific and relevant site. Emphasis on resolution of design at a broad scale, contextual concept based on a chosen theme, through to a detailed resolution of a particular area.

Courses: PS66, PS71  Prerequisites: PSP215  Corequisites: PS027  Contact hours: 4 per week

PSP251 LANDSCAPE CONSTRUCTION 1
Basic Site Measurement: introduction to basic equipment for site measurement, as well as to recording of field data and the preparation of measured site drawings from recorded data. Introduction to Structures: definition of terms; basic actions/reactions of beams, columns, slabs, structural units and types of structures; loadings and types (including wind loading). Land Grading: manual techniques of land surface manipulation: design of platforms for buildings, carparks, sports ovals, and other features. Construction Elements: development of understanding of the properties of common construction materials and built elements and their application in landscape construction. Technical drawing and documentation: appropriate techniques for preparation of construction documents.

Courses: PS66, PS71  Credit points: 12  Contact hours: 4 per week

PSP252 LANDSCAPE CONSTRUCTION 2

Courses: PS66, PS71  Credit points: 12  Contact hours: 4 per week

PSP211 PROFESSIONAL PRACTICE MANAGEMENT
Business communication; letters, report writing, correspondence and administration for surveying projects. Oral communication involving interviews, meetings, workshops and seminars. 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  Credit points: 12  Contact hours: 42

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 redefinition 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  Credit points: 12  Contact hours: 42

PSP316 SURVEY COMPUTING & PROCESSING
Understand and use of the DOS operating system and computer programming; Word processing; project management, spreadsheets; Programmable calculators for field use; Surveying and drafting packages; Management and technical applications.

Courses: PS68  Credit points: 12  Contact hours: 42

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  Credit points: 12  Contact hours: 42

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  Credit points: 12  Contact hours: 42

PSP326 GIS & 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 GIS Technology and its practical application in conventional surveying practice.

Courses: PS68  Credit points: 12  Contact hours: 42

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: PSP453
Credit points: 12
Contact hours: 42

- **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: PSP453
Credit points: 12
Contact hours: 42

- **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 hydrostatistics and flow concepts, rainfall and run-off concepts, urban and street drainage design. Preparation of a drainage design and specifications for a small (eg 20 Lot) urban subdivision.

Courses: PSP453
Credit points: 12
Contact hours: 42

- **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 principles; human resource management; subordinate training; project management principles; self-management principles; quality assurance principles; project implementation.

Courses: PSP453
Credit points: 12
Contact hours: 42

- **PSP451 PRODUCTION & 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
Credit points: 12
Contact hours: 3 per week

- **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 postgraduate Landscape Architecture units PSP219 Advanced Landscape Design (12 credit points) and the 6 credit points of Cultural Values component of PSP027 Landscape Studies 4).

Courses: BN73, PS69
Credit points: 24
Contact hours: 6 per week

- **PSP453 URBAN SYSTEMS & 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
Credit points: 12
Contact hours: 3 per week

- **PSP501 ENVIRONMENTAL PLANNING & ASSESSMENT**
  Applied studies in geology and geomorphology, climate, soils and hydrology, the broad soil and plant community associations. Sustainability and urban planning. Environmental economics. Land capability. Environmental ethics. Environmental impact studies and assessment techniques, including social impact assessment. Public and environmental policy. Approaches to land tenure and beliefs about land. Relevant environmental policy development and alternative strategies at national, state and local levels.

Courses: PS70, PS72
Credit points: 12
Contact hours: 3 per week

- **PSP502 ECONOMIC & SOCIAL FOUNDATIONS OF PLANNING**
  The historical development of planning in a social context. Introduction to social theory. Planning for social benefit. Urban economics; the economics of community and local development. Local labour markets. Structural economic change and the global economy. Public interest and individual preferences. Australian government and urban policy development and alternatives at national, state and local level.

Courses: PS70, PS72
Credit points: 12
Contact hours: 3 per week

- **PSP503 PLANNING & RESEARCH METHODS**
  The structure, methodological context and elements of the planning process. The role of objectives, information, interpretation, policy formulation, generation of alternatives, evaluation and monitoring. The use of quantitative methods and rezoning. Qualitative research, including case studies. Survey design, administration and analysis. Use of maps and other cartographic resources. Computer-based methods of analysis and presentation of data. Research design, including writing of research proposals, oral and written presentation.

Courses: PS70, PS72
Credit points: 12
Contact hours: 3 per week

- **PSP504 URBAN SYSTEMS & INFRASTRUCTURE**

Courses: PS70, PS72
Credit points: 12
Contact hours: 3 per week

- **PSP505 PLANNING IN SOCIETY**
  Major issues in contemporary society, including gender, multiculturalism, etc; public policies in Australia relating to employment, housing, urban and regional development, health, income and education. Public participation and community action; planning aid and advocacy planning. Conflict management, resolution and negotiation. Social impact assessment.

Courses: PS70, PS72
Credit points: 12
Contact hours: 3 per week

- **PSP506 PLANNING THEORY & ETHICS**
  Major contributions to planning and decision-making theory, including the rational comprehensive, incrementalist, mixed scanning and other models. Critical and political economy theory and other theories for planning. The nature and role of professional and professionalism; codes of practice and ethics;
the role of the professional planner in the private and public practice; situations of professional conflict; the role of the expert witness.

Courses: PS70, PS72
Credit points: 12  Contact hours: 3 per week

■ PSP507 PLANNING PROCEDURES & LAW
Planning law and administration in Queensland and Australia, with international comparisons. Corporate and strategic planning, project management. Planning communication and negotiation skills, particularly in implementing planning proposals. Evaluation of planning projects and their outcomes. Community and local economic development.

Courses: PS70, PS72
Credit points: 12  Contact hours: 3 per week

■ PSP508 PLANNING PRACTICE I
The core of this unit is a problem-solving group project set in an inner metropolitan or small town location, normally undertaken in conjunction with local communities and councils. A sub-division exercise may be included as part of the major project or as a separate scheme. This unit offers scope for the application of knowledge and skills in the fields of site analysis and planning and land development. Lecturers on these and other related topics provide relevant inputs to this practice oriented unit, including relevant aspects of planning legislation. The unit will include examples of recent best practice in the planning field (e.g. thorough the Commonwealth Local Approval Review Process or related programs).

Courses: PS70, PS72
Credit points: 12  Contact hours: 3 per week

■ PSP509 REGIONAL & METROPOLITAN POLICY
Theories of regional and metropolitan development. Regional analysis methods, including input-output models, economic base studies and the like. The impact of the Australian federal system and inter-governmental relations on the ways in which metropolitan and other regions are planned and governed. Regional and metropolitan polices and management, including coordinating mechanisms. Regional and metropolitan management models and comparisons. The role of statutory authorities. Planning for rural and regional areas. Principles of regional environmental and land use planning and approaches such as integrated catchment management.

Courses: PS70, PS72
Credit points: 12  Contact hours: 3 per week

■ PSP510 SPECIALISATION
The student undertakes a supervised program of study in an approved selected field. The student may choose from a limited list of approved fields, depending on staff expertise and availability. Students may apply for approval for a specific specialisation utilising units offered elsewhere in QUT or at another tertiary institution which must, for approval, also lead on to an Advanced Specialisation if they are enrolled in PS70. Students will normally choose a specialisation which relates to their intended Research Project. Areas of Specialisation are Regional and Local Development, Urban Housing and Community Development, Urban Design, Environmental and Resource Planning, and Special Topic.

Courses: BN73, PS70, PS72
Credit points: 12  Contact hours: 3 per week

■ PSP512 PLANNING PRACTICE II
The core of this unit is a problem-solving group project focusing on a planning region which is generally larger and more complex than a single town, such as a town and its hinterland, a metropolitan region or a functional rural region. This unit offers scope for the application of knowledge and skills gained in other units, including PSP509 Regional and Metropolitan Policy. Relevant aspects of planning legislation will be included.

Courses: PS70, PS72
Credit points: 12  Contact hours: 3 per week

■ PSP513 FIELD TRIP
The field trip will consist of a structured, staff-guided visit of about one week to one or more of a number of appropriate locations, including non-metropolitan areas of Queensland, other metropolitan centres in Australia, and possibly overseas.

Courses: PS70, PS72
Credit points: 0  Contact hours: 1 week

■ 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: PU40, IF74
Credit points: 12  Contact hours: 3 per week

■ PUB107 INTRODUCTION TO ENVIRONMENTAL HEALTH
A brief history of environmental health; the current role of environmental health officers within the public health agenc-ies 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: HL46, NS48, PU40
Credit points: 12  Contact hours: 4 per week

■ PUB112 INTRODUCTION TO OCCUPATIONAL HEALTH & 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, 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: NS40, PU40
Credit points: 12  Contact hours: 3 per week

■ PUB117 INTRODUCTION TO CONSUMER STUDIES
Examines basic concepts in the understanding of consumers in their personal, social, economic, political and cultural contexts. Consumers can be seen as victims needing protection against knowledgeable, powerful and sometimes unscrupulous manufacturers, professionals and/or service providers. The unit goes on to explore specific contexts in which consumers of health find themselves and in which they act, react and are acted upon. Issues of consumer participation, advocacy complaints mechanisms and proactive behaviour are introduced.

Courses: IF74, PU40
Credit points: 12  Contact hours: 3 per week

■ PUB123 HUMAN DEVELOPMENT & RELATIONSHIPS
Focuses on the wellbeing of individuals and families; to achieve this goal, individuals must have an understanding of development from conception to old age, and a critical awareness of the social processes which influence this development.

Courses: ED50, IF74, PU40
Credit points: 12  Contact hours: 3 per week

■ PUB127 HEALTH ISSUES IN AUSTRALIA
Overview of the major determinants of morbidity and mortality in Australia. Major topics include: concepts of health and illness, patterns of health and illness, and social distribution of health and illness in Australia. Discussions include the national health priority areas (cardio-vascular disease, cancer, injury and mental health), the health status of specific population groups, an introduction to the Australian health care system, as well as emerging issues, including the role of health promotion.
UNIT SYNOPSES

Courses: ED50, ED51, IF74, Bachelor of Oral Health, NS40
Credit points: 12  Contact hours: 3 per week

■ PUB130 AUSTRALIAN HEALTH INDUSTRY
A broad overview of the systems of health care in Australia and their methods of operation. The public and private health and medical care sectors are discussed. The political environment, health care institutions, community health, public health, and the problems of coordination and integration of health services are also studied.
Courses: HL46, IF47, PU40
Credit points: 12  Contact hours: 3 per week

■ PUB199 HEALTH INFORMATION MANAGEMENT 1
An introduction to the principles of health record management and their application in hospitals; presents an overview of the interrelationships between the various processes of the medical record department and functionally related areas in health care facilities. Topics include: the structure, format and use of medical records, the function of medical record departments, quantitative analysis of medical records, and health information collection and retrieval systems, both manual and computerised.
Courses: IF85, PU40
Credit points: 12  Contact hours: 3 per week

■ PUB200 ENVIRONMENTAL PROTECTION
The causes, effects, control measures, standards, legislation and management strategies relating to pollution and environmental protection; waste management and contaminated land.
Courses: PU40
Credit points: 12  Contact hours: 4 per week

■ PUB201 PUBLIC HEALTH NUTRITION 1
The history of food and nutrition in Australia; the food system, an introduction to proteins, carbohydrates, fats, vitamins and minerals, introduction to food grouping systems, dietary guidelines, the recommended dietary intakes, nutrition through the life cycle; introduction to the food supply, food problems and nutrition problems; nutrition as a public health issue, international nutrition issues.
Courses: ED50, HL42, HL46, PU40, PU43, IF74
Credit points: 12  Contact hours: 4 per week

■ 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: IF74, PU40, Bachelor of Oral Health
Credit points: 12  Contact hours: 3 per week

■ PUB210 OCCUPATIONAL HEALTH & SAFETY
The basic concepts of occupational health and safety, such that they can identify health and safety problems in the workplace; strategies for dealing with such problems, and the legislation, government agencies and health personnel associated with the working environment. Topics covered include the physical, chemical and biological working environments and temporal work patterns.
Courses: ME46
Credit points: 8  Contact hours: 4 per week

■ 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
Credit points: 12  Contact hours: 3 per week

■ PUB225 LIVING SPACES FOR PEOPLE
Critical aspects of shelter as a fulfilment of people’s basic needs; design, technology and legislation linked to decisions affecting provision of shelter for the differing needs of individuals and families.
Courses: ED50, IF74
Credit points: 12  Contact hours: 3 per week

■ PUB233 COMMUNICATION, INFORMATION AND EDUCATION FOR HEALTH
This unit aims to introduce students to the practical skills of communication and the theories of communication that underpin their need for such skills. Students study the process of communication and the barriers that impede it, while acquiring the range of skills necessary for communicating as competent professionals in the health field. It covers person to person communication; communication in small groups; public education for health, diffusion and adoption of new health related behaviours; the role of information; the use of mass media; and communication within health organisations.
Courses: HL42, HL44, HL46, HM42, IF47, IF74, IF85, PU40, PU43, Bachelor of Oral Health NS48.
Credit points: 12  Contact hours: 4 per week

■ 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. The key sociological issues relevant to public health, such as Aboriginal health as well as other groups with special needs.
Courses: HL42, HL44, HL46, IF47, IF74, IF85, NS48, PU40, PU43
Credit points: 12  Contact hours: 4 per week

■ PUB298 HEALTH INFORMATION MANAGEMENT 2
Continuation of PUB199. There is an emphasis on analysis and improvement of health information management throughout hospitals. The examination of health information services will move outside the medical records department of hospitals to wards, bed allocation and admission officers; accident and emergency departments; outpatients and 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 developed.
Courses: IF85, PU40
Prerequisites: PUB199 and successful completion of hospital placement
Credit points: 12  Contact hours: 3 per week

■ PUB307 ENVIRONMENTAL POLLUTION
Measurement, management and control of air, noise and water pollution.
Courses: PU40
Prerequisites: PUB200  Corequisites: NRB421
Credit points: 12  Contact hours: 5 per week

■ PUB312 HOME ECONOMICS CURRICULUM STUDIES 1
Provides students with a range of understandings and competencies 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, ED54, ED55, IF74
Prerequisites: 48 credit points in relevant discipline area
Credit points: 12  Contact hours: 3 per week

■ PUB313 DESIGN
Design has a relevance to both the teaching and learning proc-
ess 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
Credit points: 12  Contact hours: 3 per week

■ PUB314 EPIDEMIOLOGY & 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 a 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, IF74, PU40, PU43, HL44, HL46, IF85, IF47
Credit points: 12  Contact hours: 4 per week

■ 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: IF47, IF74, PU40, PU43, HL42, HL46
Credit points: 12  Contact hours: 4 per week

■ 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; textile project.
Courses: ED50, IF74
Credit points: 12  Contact hours: 6 per week

■ 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, ED55, IF74
Credit points: 12  Contact hours: 3 per week

■ PUB324 PODIATRIC MEDICINE 1
Introduction to health, social and economic implications of podiatric care in the general population, particularly in specialised groups for example children, diabetics, the aged, sports people. Provides foundation studies essential to preclinical students in diagnosis and treatment of conditions commonly manifesting in the foot.
Prerequisites: LSB235  Credit points: 12  Contact hours: 16 per week (includes clinic work)

■ PUB329 FOUNDATIONS OF HEALTH STUDIES & HEALTH BEHAVIOUR
The foundations of the discipline of health education, its theoretical framework and concepts of models of health, health education and health promotion.
Courses: PU40, ED50, IF74, HL46, Bachelor of Oral Health, NS48
Credit points: 12  Contact hours: 3 per week

■ 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.
Courses: HL46, NS48
Credit points: 12  Contact hours: 3 per week

■ PUB341 NUTRITION EDUCATION
Courses: PU43, ED50, IF74, HL46
Credit points: 12  Contact hours: 4 per week

■ PUB349 FAMILIES & HOUSEHOLD
Examination of the family and households in Australia and internationally. Perspectives considered include: structural functionalist, symbolic interactional, conflict and feminist.
Courses: ED50, IF74, PU40
Credit points: 12  Contact hours: 4 per week

■ PUB352 OCCUPATIONAL HEALTH
Introduces the student to the basic concepts of toxicology and the body’s responses to toxic substances. It examines the basic disease processes in humans and the various agents in the workplace capable of adversely affecting the health of workers. By equipping students with a knowledge of the disease process it is intended to extend students ability to manage and prevent risks to health in the workplace.
Courses: PU40, HL44  Credit points: 12  Contact hours: 5 per week

■ 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, IF74
Credit points: 12  Contact hours: 3 per week

■ PUB356 CLINICAL CLASSIFICATION 1
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
Credit points: 12  Contact hours: 4 per week
■ 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 textile articles.

Courses: ED505
Prerequisites: PUB321
Credit points: 12
Contact hours: 4 per week

■ PUB380 CASEMIX MANAGEMENT
History and development of case mix classification systems; structure of ANDRGs: case mix applications in quality improvement, utilisation review, costing, planning and management; case mix and funding health care services; case mix classification systems for acute inpatients; data quality issues; case mix grouping software; current case mix initiatives and applications.

Courses: IF47, IF85, PU40
Credit points: 12
Contact hours: 3 per week

■ PUB401 ADVANCED STRATEGIES IN PUBLIC HEALTH PROBLEMS
An introductory course for health students on solving public health problems. The unit considers public health care models in industrialised countries and in less developed countries. Constraints imposed by political, social, cultural, institutional and economic issues are examined. An introduction to problem assessment, strategic planning, program planning, delivery and evaluation are included.

Courses: IF47, IF85, PU40, PU48
Prerequisites: PUB314
Credit points: 12
Contact hours: 4 per week

■ PUB403 ENVIRONMENTAL HEALTH MANAGEMENT A
Vectors of disease, water and waste water treatment and monitoring systems; swimming pool water quality; flammable and combustible liquid storage.

Courses: PU40
Prerequisites: PUB107, PUB307
Credit points: 12
Contact hours: 4 per week

■ PUB405 NUTRITION SCIENCE
The major nutrients: protein, carbohydrate, lipids, vitamins, minerals, water. Significant food sources, digestion, absorption, transport, metabolism, storage, roles, requirements, the consequences and methods of assessment of inadequate or excess intakes. Other substances occurring in foods, beverages and supplements. Nutrient-nutrient interactions.

Courses: HL46, IF85, PU40, PU48
Prerequisites: PUB314
Credit points: 12
Contact hours: 4 per week

■ 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, PU40
Prerequisites: BSB112
Credit points: 12
Contact hours: 3 per week

■ PUB423 FOOD & NUTRITION
Nutrition is an important factor in the provision of health, and prevention and management of many disease states. This unit provides an overview of concepts fundamental to an appreciation of the role of nutrition in health care. Topics include: the chemical nature, digestion, absorption and assimilation of nutrients; nutrients provided by the food groups; food selection for a healthy diet; nutrient requirements in particular clinical situations.

Courses: NS40
Prerequisites: LSB382
Credit points: 8
Contact hours: 3 per week

■ PUB424 PODIATRIC MEDICINE 2
The foundation for study in the role of therapeutics in patient management including short-term and long-term management of conditions. Expands the range of understanding of the wide variety of conditions presented to the podiatrist. On completion, students should have developed an understanding of the biomechanical principles affecting the joints of the foot and the structural consequences presenting in podiatric practice.

Courses: PU43
Prerequisites: LSB235, PUB324
Corequisites: LSB475
Credit points: 12
Contact hours: 16 per week (includes clinic work)

■ PUB433 HEALTH CARE FINANCE
This unit aims concerned with providing students with an understanding of the discipline of economics and its applications to the topics ‘health’ and ‘health care’. The student will be familiar with the fundamental concepts of welfare economics and the economics of social choice; understand the conceptual basis and empirical outputs of applied economic research; be able to describe health sector phenomena in economics terms; anticipate some of the economic effects of public policy in the health and other economic sectors; participate in economic discussions about resource allocation to within the health industry; be aware of the workings of a variety of methods of financing, producing, and delivering health care services.

Courses: IF47, PU40
Prerequisites: BSB113 or EPB150 or EPB116 or EPB104
Credit points: 12
Contact hours: 3 per week

■ PUB456 CLINICAL CLASSIFICATION 2
Students will learn to abstract and interpret the information recorded in client/patient medical records. 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 on-site in an acute care setting. Students become proficient in the art of clinical classification using ICD-10-AM.

Courses: IF85, PU40
Prerequisites: PUB356
Credit points: 12
Contact hours: 4 per week

■ PUB477 CONSUMER RIGHTS & ADVOCACY
Focuses on the meaning of rights, their genesis, their exercise, their relationship to consumer satisfaction and quality, their consequences and their attendant responsibilities. Consumer advocacy is important in developing protecting and extending rights and has the potential to contribute to policy development, improved delivery systems and social change.

Courses: HL46, IF74, PU40
Credit points: 12
Contact hours: 3 per week

■ 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, PU40
Credit points: 12
Contact hours: 3 per week

■ PUB484 INTRODUCTION TO ERGONOMICS
Introduces the ergonomics principles and methods related to work physiology and psychology of work behaviour. This includes the development of general appreciation of the normal structure and function of various physical and psychological systems. The subject examines the principles of work physiology, anthropometry and biomechanics as applied to various human machine systems and manual material handling jobs, along with human information processing, human error analysis, workplace assessment and design, handtool design, and
the effect of physical factors such as lighting, noise and temperature extremes.

Courses: HL44, PU40
Credit points: 12 Contact hours: 4 per week

■ PUB485 INTRODUCTION TO OCCUPATIONAL HYGIENE

Applies the practical skills students have already obtained from Chemistry 1 and 2 and Physics 1 and 2 to the field of occupational hygiene. It is intended to introduce students to scientific information about occupational hygiene for recognition, evaluation and control of occupational hazards.

Courses: HL44, PU40
Prerequisites: PCB242 Corequisites: nil Credit points: 12 Contact hours: 4 per week

■ PUB501 APPLIED COUNSELLING FOR HEALTH PROFESSIONALS

Provides the study of theory and practice of counselling individuals and groups relevant to health professionals. A range of counselling skills will be developed such as listening, information giving and showing empathy. Examples of counselling settings will be used to demonstrate these skills.

Courses: HL42, PU43
Credit points: 12 Contact hours: 3 per week

■ 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, PU43
Prerequisites: PUB233 Credit points: 12 Contact hours: 4 per week

■ PUB507 ADVANCED NUTRITION SCIENCE

Tissue and organ metabolism; metabolic pathways present in various tissues and organs; preferred substrates for energy production; metabolic rates; other metabolic goals of tissues and organs. Metabolic control: factors controlling metabolic pathways in varying physiological states; nutrition and other lifestyle factors and their effects on metabolic control; nutrition and lifestyle as determinants of health.

Courses: PU43
Prerequisites: PUB405 Credit points: 12 Contact hours: 4 per week

■ PUB509 PUBLIC HEALTH NUTRITION 2

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, PU43 Prerequisites: PUB201, PUB314 Credit points: 12 Contact hours: 4 per week

■ PUB510 ENVIRONMENTAL HEALTH MANAGEMENT B

Health Act; Health Regulations and communicable diseases; immunisation.

Courses: PU40 Prerequisites: LSB142, LSB415, PUB403 Credit points: 12 Contact hours: 4 per week

■ PUB516 OCCUPATIONAL HEALTH & 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: HL44, PU40, PU44 Prerequisites: PUB352, PCB404, PCB485 Credit points: 12 Contact hours: 3 per week

■ PUB517 FOOD HYGIENE STUDIES

Food hygiene standards, food borne illnesses, food hygiene audits, licensing systems.

Courses: PU40
Prerequisites: LSB415 (and CNB171 for PU40 Environmental Health Students) Credit points: 12 Contact hours: 4 per week

■ 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 Credit points: 12 Contact hours: 3 per week

■ 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 osteoarthritis, 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 Credit points: 12 Contact hours: 3 per week

■ 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: PUB424 Corequisites: PUB523 Credit points: 12 Contact hours: 16 per week (includes clinic work)

■ 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 groups within one group of systemic drugs and why they are used for a conditions is emphasised.

Courses: PU43 Prerequisites: LSB275, LSB451 Credit points: 12 Contact hours: 3 per week

■ PUB526 CLINICAL DIETETICS 1

An introduction to the principles of nutritional care and the dietician process. Interpretation of anthropometric, biomedicai, dietary and psychosocial data. The role of the dietitian nutritionist in the clinical setting. Determination of the altered nutrient requirements of individuals in disease states. The aetiology, epidemiology, medical and surgical treatment of energy imbalance, eating disorders, food allergies and intolerances, the musculoskeletal system, the cardiovascular system, and diabetes mellitus. The nutritional management of individuals requiring dietary intervention, standards of nutritional care and the evaluation of clinical outcome.

Courses: HL42, PU43
Prerequisites: PUB405, LSB408, LSB458 Credit points: 12 Contact hours: 5 per week

■ PUB529 HEALTH PLANNING & EVALUATION

This unit is a study of process planning and evaluation, program planning and evaluation, and planning and evaluation
research with applications to the health field. Addresses the conceptual and procedural issues of program management; health planning and program management and evaluation; community participation in health planning; planning for future evaluation; steps for program planning and evaluation; resources management; and health resource inventories and the rudiments and applications of evaluation research.

**Courses:** PUB40, PU48, HL46, IF85, IF47, IF74. Bachelor of Oral Health

**Prerequisites:** PUB314 or equivalent

**Credit points:** 12  
**Contact hours:** 3 per week

**PUB537 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. Students are provided with an overall picture of patterns of population health in Australia and internationally and introduced to models of public health and health promotion as a means of reducing actual differences in health status.

**Courses:** HL46, PU40

**Prerequisites:** PUB251 or equivalent as determined by coordinator

**Credit points:** 12  
**Contact hours:** 4 per week

**PUB551 PROMOTING HEALTH IN FAMILIES**

Students will be examining the family as a site for promoting and creating health. A life cycle approach will be the framework to discuss key issues such as perspective, health maintenance and health enhancement. How families can promote health amongst their members, with other families and within communities will be examined. The role of health professionals and who the health system in enabling family action to promote health will be discussed.

**Courses:** IF74, PU40

**Prerequisites:** PUB549

**Credit points:** 12  
**Contact hours:** 3 per week

**PUB553 PROFESSIONAL EXPERIENCE**

Provides an opportunity to increase knowledge and level of understanding of health information management in health care facilities through direct observation and participation. The managerial role of the health information services with medical, administrative and allied health professionals, reinforcement of clinical classification skills by coding from medical records.

**Courses:** IF85, PU40

**Prerequisites:** 16 units in health information management major including PUB456.

**Credit points:** 12  
**Contact hours:** 6 per week

**PUB584 ADVANCED ERGONOMICS**

Principles and methods of cognitive ergonomics including industrial and organisational psychology; non traditional work schedules; job design and job satisfaction; display-control design; human-computer interface; computer modelling including the use of various biomechanics and posture analysis tools (2-D, RULA, OWAS, Assist and so on); fatigue analysis and use of various metabolic energy prediction models; strength testing techniques, repetitive trauma disorders and environmental stresses.

**Courses:** HL44, PU40

**Prerequisites:** PUB484

**Credit points:** 12  
**Contact hours:** 4 per week

**PUB585 ADVANCED OCCUPATIONAL HYGIENE**

Extends the knowledge gained in Introduction to Occupational Hygiene and concentrates on the application of the principles to which the student has already been introduced. The unit extends students’ ability to recognise, evaluate, and suggest the most efficient control strategies for chemical, physical and biological hazards in the working environment. The unit will examine the elements of successful monitoring program in the workplace.

**Courses:** HL44, PU40

**Prerequisites:** PCB414, PUB485

**Credit points:** 12  
**Corequisites:** nil  
**Contact hours:** 4 per week

**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

**Credit points:** 12  
**Contact hours:** 3 per week

**PUB601 FAMILY LIFE & SOCIAL CHANGE**

Addresses the issue of the development and maintenance of basic living skills within the family context. Students examine the structure of the family-household system and the ways by which families manage the tangible household resources of money, housing, food, fuel and transport as well as the intangible resources of time, energy and love.

**Courses:** PU40

**Prerequisites:** PUB551

**Credit points:** 12  
**Contact hours:** 3 per week

**PUB604 ENVIRONMENTAL HEALTH MANAGEMENT C**

Local government environmental health management (local laws and annual control); Local Government Act; Queensland Health – public health management and environmental health promotion; indigenous environmental health issues.

**Courses:** PU40

**Prerequisites:** PUB510

**Credit points:** 12  
**Contact hours:** 4 per week

**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

**Credit points:** 12  
**Contact hours:** 4 per week

**PUB607 ORAL HEALTH PROMOTION**

This unit will develop knowledge and application of skills in the development of strategies to promote oral health. The major assessment item will be the development of a component of a health promotion strategy focussed on oral health. The following topics will be covered: current principles of health promotion, the sociological perspective, introduction to planning models, health promotion in a range of strategies, the role of social and intersectoral support and collaboration, community development and empowerment, funding sources and strategies, advocacy, sources of information, current strategies and resources, evaluation and food and hygiene issues.

**Courses:** Bachelor of Oral Health

**Credit points:** 12  
**Contact hours:** 3 per week

**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 assess risk. The subject will provide students with the ability to position occupational health and safety within an organisation’s strategic decision making process.

**Courses:** HL44, PU40

**Credit points:** 12  
**Contact hours:** 4 per week

**PUB615 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT**

Investigates management principles and practices as they may be applied to resolve occupational health and safety problems. It includes an examination of industrial relations processes
and the legal framework within which occupational health and safety is addressed. The legislative and common law trends as they apply to occupational health and safety and workers' compensation will be examined as will the role of the health and safety professional in this process.

**Courses:** HL44, PU40  
**Prerequisites:** PUB112  
**Credit points:** 12  
**Contact hours:** 4 per week

**PUB616 OCCUPATIONAL HEALTH AND SAFETY 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 Bachelor of Health Science in Occupational Health and Safety.

**Courses:** HL44, PU40  
**Prerequisites:** PUB516  
**Credit points:** 12

**PUB619 HEALTH INFORMATION MANAGEMENT 4**  
The role and function of the health information manager in the management of health care services; the principles and processes of management as applied to health information services; current issues in health information management.

**Courses:** PU40  
**Prerequisites:** PUB599  
**Credit points:** 12  
**Contact hours:** 3 per week

**PUB621 ENVIRONMENTAL PROFESSIONAL PRACTICE**  
Visits to all types of 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:** PU40  
**Corequisites:** PUB604  
**Credit points:** 12  
**Contact hours:** 5 per week

**PUB623 DERMATOLOGY**  
An appreciation of the many varieties of skin lesions and their particular relevance when found in the lower limbs. Lectures in classification of skin disease, vascular reaction group, vasculitides, 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  
**Credit points:** 12  
**Contact hours:** 3 per week

**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 in operative mechanical, chemical and physical therapy. 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.

**Prerequisites:** PUB524  
**Corequisites:** PUB635  
**Credit points:** 12  
**Contact hours:** 16 per week (includes clinic work)

**PUB625 CASE STUDIES IN PUBLIC HEALTH NUTRITION**  
An in-depth study of a number of programs which have been or are currently underway in different settings and with different groups both in Australia and overseas.

**Courses:** PU43  
**Prerequisites:** PUB509, PUB314  
**Credit points:** 12  
**Contact hours:** 4 per week

**PUB627 CLINICAL DIETETICS 2**  
Nutritional assessment parameters and their application to the clinical setting. The principles of nutritional care and dietary intervention in complex disease states. The clinical dietitian and medical specialist perspective on the nutritional and medical management of gastrointestinal, liver, renal, neoplastic and paediatric disorders. The role of nutritional support in hypermetabolic conditions. Practice in nutritional and dietary assessment through case studies conducted in a variety of hospital settings.

**Courses:** HL42, PU43  
**Prerequisites:** PUB526  
**Credit points:** 12  
**Contact hours:** 5 per week

**PUB628 ADVANCED FOOD STUDIES**  
Interpretation of food standards and food regulations. 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.

**Courses:** HL42, PU43  
**Prerequisites:** PUB474, PUB526  
**Credit points:** 12  
**Contact hours:** 5 per week

**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.

**Courses:** PU43  
**Prerequisites:** PUB522, PUB523  
**Corequisites:** PUB624  
**Credit points:** 12  
**Contact hours:** 5 per week

**PUB655 HEALTH POLICY & PLANNING**  
How health policy is created; the role of vested interests; the role of the mass media; an appreciation of the difference between policy in use and espoused policy; analysis of health policy using analytical frameworks; health policy impact; policies pertaining to social groups.

**Courses:** HL46, IF47, IF74, PU40  
**Prerequisites:** 16 units in Health Services Management or equivalent  
**Credit points:** 12  
**Contact hours:** 3 per week

**PUB659 MANAGEMENT OF HEALTH SERVICES**  
This unit involves a problem solving approach to decision-making and strategic management in health services management. Actual industry projects will be used to allow student to apply theory to the practical situation. Specific management techniques and health management issues will need to be explored.

**Courses:** IF47, IF85, PU40  
**Prerequisites:** 16 units in the health services management major or 16 units in the health information management major  
**Credit points:** 12  
**Contact hours:** 3 per week

**PUB678 CONSUMER PERSPECTIVES ON HEALTH**  
All members of the Australian population will be consumers of health care services during their lives. The view from the consumer side of the consumer-provider relationship is very different from the view from the provider side in terms of access to knowledge about conditions, services, standards and outcomes; power is also an issue. Consumers groups and self help groups have proved to be agents of change in the health system. Another group demanding recognition are carers who usually carry out their roles in the context of families. Courses which prepare students for professional roles in the health system emphasise provider perspectives in explicit and implicit ways and, therefore, this unit will provide a balance to those views.

**Courses:** PU40  
**Prerequisites:** PUB477  
**Credit points:** 12  
**Contact hours:** 3 per week
PUB695 INDUSTRIAL TRAINING EXPERIENCE
Ten to twelve months placement in paid employment related to the Occupational Health and Safety under the joint supervision of an industry supervisor and an academic adviser. The academic 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: PU44
Prerequisites: Completion of Years 1 and 2 of the Degree and a GPA of 4.5 or above
Credit points: 24

PUB721 PRACTICE IN CLINICAL DIETETICS 1
A five week placement in a hospital setting. Students will acquire skills to undertake the nutritional management of clients under the supervision of a hospital dietitian. This will include the assessment, planning, implementation and evaluation of nutritional care. Students will be provided with opportunities to counsel clients both in the in-patient and out-patient setting. Feedback on performance will be given throughout the placement and a number of professional competencies will be assessed.

Courses: HL42, PU43
Prerequisites: Successful completion of all Year 3 units
Corequisites: PUB501
Credit points: 12

PUB722 PRACTICE IN CLINICAL DIETETICS 2
A second five week placement in a hospital setting. Students will further develop skills in the nutritional care of clients, gradually taking on more responsibility in the process of case management. Students will study more specialised clinical areas and apply research methodology to the practice of clinical dietetics. At the end of the placement students will be assessed on the minimum entry-level competencies expected of a clinical dietitian-nutritionist.

Courses: HL42, PU43
Prerequisites: PUB721
Credit points: 12

PUB724 RESEARCH IN DIETETICS
Provides an opportunity for students who may be thinking of a research career to undertake a small project. Students are expected to conduct a project as part of an on-going project within the school.

Courses: PU43
Prerequisites: PUB314, PUB316, PUB509
Credit points: 12

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, PUB624, PUB635
Corequisites: PUB729
Credit points: 12
Contact hours: 3 per week (commences 2000)

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
Credit points: 12
Contact hours: 3 per week (commences 2000)

PUB728 CLINICAL MEDICINE 1
Students are expected to integrate knowledge and skills obtained from the hospital rotations in 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: PUB728
Corequisites: PUB729
Credit points: 12
Contact hours: 3 per week (commences 2000)

PUB729 PROFESSIONAL INTERNSHIP 1
Students will undertake a rotating roster through relevant hospital 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 a primary teaching hospital. 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 a more judicious approach to implementing 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. Students will be designated for a three week period (that is student to list A in 1st semester and list B in second semester and lists alternate). Three teaching hospitals are to be used in this model. Candidates will rotate through the following discipline; Rotation A: General Medicine, Endocrinology, Rheumatology; Radiology, Pathology.

Courses: PUB624
Corequisites: PUB728
Credit points: 12
Contact hours: 12 per week (includes clinic work)

PUB823 PRACTICE IN COMMUNITY NUTRITION
A four week practical placement off-campus where students gain experience in the nutrition and health care of groups in a variety of community, workplace and school settings.

Courses: HL42, PU43
Prerequisites: Successful completion of all Year 3 units
Credit points: 12

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

PUB826 PROJECT & PROFESSIONAL MANAGEMENT
Explain 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
Credit points: 12
Contact hours: 3 per week (commences 2000)

PUB827 SPORTS MEDICINE
The importance of a multidisciplinary approach to the diagnosis, evaluation and treatment of sports injuries. Students study the symptomology 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
- PUB828 CLINICAL MEDICINE 2
  Students will be expected to further integrate and apply additional knowledge obtained from the final hospital rotation to the needs of specialist patients who attend the university polyclinic. In particular, elements of pre-, post- and intraoperative surgical considerations will be utilised. Examples include the clinical assessment of trauma fracture and vascular reconstruction. In addition, specialist paediatric clinic will provide the student with specialist skills in the treatment of developmental disorders and conditions.

  - **Courses:** PUB828
  - **Prerequisites:** PUB728
  - **Corequisites:** PUB829
  - **Credit points:** 12
  - **Contact hours:** 3 per week (commences 2000)

- PUB829 PROFESSIONAL INTERNSHIP 2
  Students undertake a rotating roster through relevant hospital 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 primary teaching hospital environment. This experience consolidates the multidisciplinary 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. Three teaching hospitals are used in this model. Candidates rotate through the following disciplines: Rotation B: Vascular Surgery, Plastic Surgery, Orthopaedic Surgery, General Surgery, Accident and Emergency. (Commences 2000).

  - **Courses:** PUB829
  - **Prerequisites:** PUB729
  - **Corequisites:** PUB828
  - **Credit points:** 12
  - **Contact hours:** 3 per week (commences 2000)

- PUB875 PROFESSIONAL PRACTICE
  This unit is undertaken by students in the family and consumer studies, public health, and nutrition and dietetics strands of the Bachelor of Health Science. 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:** HL46, PU40, PU43
  - **Prerequisites:** FCS major, PUB551; PUH major, PUB251; NUD major, successful completion of all other professional practice units
  - **Credit points:** 12
  - **Contact hours:** 4 per week

- PUB600 DISSERTATION
  Undertaken by full-time Master of Public Health students following successful completion of course work. This unit is intended as a practicum, offering experience in investigating and/or solving a public health problem.

  - **Courses:** PUB600
  - **Credit points:** 48

- PUB601 CONTEMPORARY HEALTH POLICIES
  An examination of the social, political, geographical and economic factors which have shaped the organisation of health care services at local, state, national and/or international levels; funding and resource management; the level and nature of responsibility for health care and health care maintenance; planning for structural change.

  - **Courses:** HL68, HL88, IF64
  - **Credit points:** 12
  - **Contact hours:** 3 per week

- PUB607 DISSERTATION
  Undertaken by part-time Master of Public Health students following successful completion of course work. The unit is intended as a practicum, offering experience in investigating and/or solving a public health problem.

  - **Courses:** PUB607
  - **Credit points:** 48

- PUB608 HEALTH ECONOMICS
  This unit is designed to introduce students to some elementary microeconomic theory and its application to economic issues in the health sector. Aspects of health care financing are discussed in the context of their impact on the market for health care services in Australia and abroad. Some of the basic principles of public finance are also discussed. Students enrolled in this unit complete two major assessment items. The first assignment requires students to apply the discipline of economics to analyse a (health-related) topic of their choosing. The second assignment takes the form of a “take-home” examination, administered in the final week of the course.

  - **Courses:** HL88, IF64, PU85, PU60, HL68, HL38, NS64, NS85
  - **Credit points:** 12
  - **Contact hours:** 3 per week

- PUB610 HEALTH SERVICES MANAGEMENT
  This unit is designed to assist health service managers to understand their roles, duties and responsibilities and to investigate relevant rules, principles, models, or modus operandi that may be available to guide their actions. It relies some of the classical and more modern approaches to management and examines their relevance and application in the management of health services. In this way the health services manager’s role and responsibility should become clearer. Some guiding principles will emerge from which the manager can select, depending on the circumstances and type of decision required.

  - **Courses:** HL88, IF64, PU85, PU60, HL68, HL38, NS64, NS85
  - **Credit points:** 12
  - **Contact hours:** 3 per week

- PUB611 COMMUNITY HEALTH PLANNING
  This unit deals with the principles and methods of planning for health development in the community. It explores a number of models of health planning and the role of the groups and decisions-makers in developing plans. Community participation and empowerment is discussed together with constraints and feasibility associated with health planning. The subject examines, using a social and economic development perspective, the complex relationships between communities, health, planning and evaluation. The contribution of a range of disciplines is explored, as well as the importance of resources and information. It is essentially a practical course which introduces principles and theory at appropriate points. Students are required to produce a Health Plan which is applicable to the health related organisations and structures in Queensland.

  - **Courses:** PU85, PU60, HL38, HL68, HL88, NS64, NS85
  - **Credit points:** 12
  - **Contact hours:** 3 per week

- PUB612 HEALTH SERVICES RESEARCH & EVALUATION
  Health services research and evaluation is concerned with the principles, methods and problems of evaluation in health care services. It deals with collecting, analysing and interpreting information on the need for, implementation of, and impact of health care interventions. It uses a variety of methodological strategies to determine the relevance, progress, effectiveness and efficiency of health care intervention, treatments and programs. This course emphasises the application of health services research methods to the planning and evaluation of public health services and programs and to the effectiveness of health care services more generally. A guiding principle will be the relationship between study design and outcome measures across a wide range of applications. The course will put considerable emphasis on the basic technical requirements for good research and evaluation, including issues of internal and external validity and the reliability and validity of measures of program effects. The measurement of health outcomes and the increasing emphasis on the adoption of standardised instruments in health services research and evaluation studies will be used as a vehicle to explore issues of validity and requirement for constructing and testing special purpose questionnaires.

  - **Courses:** IF64, PU60, PU85, HL38, HL68, HL88
  - **Credit points:** 12
  - **Contact hours:** 3 per week
■ PUN613 HEALTH PROMOTION PLANNING & EVALUATION
This unit covers the nature and the scope of health promotion program planning and evaluation from an examination of International and National public health and health promotion policy guidelines and frameworks, including National Goals and Targets for Health, as well as regional and local government initiatives to promote the health of the population. Public health 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 engages practitioners in an analysis of the theoretical principles of program planning and evaluation, and their application in practice. It is designed to enhance student skills in the development, implementation and evaluation of health promotion programs to meet the needs of a diverse range of population groups. This unit engages practitioners in an analysis of the theoretical principles of program planning and evaluation, and their application in practice. It is designed to enhance student skills in the development, implementation and evaluation of health promotion programs.

Courses: IF64, HL88, PU85, PU60
Credit points: 12  Contact hours: 3 per week

■ 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 reviews.

Courses: HL88, PU85, PU60, HL68, HL38
Credit points: 12  Contact hours: 3 per week

■ PUN619 ENVIRONMENT & HEALTH
This is a compulsory core Unit in the specialist area of environmental health. Practitioners in environmental health need to understand the basis of environmental problems and the competing uses for land and the subsequent impacts on the environment and human health. The Unit primarily focuses on land, air and water management as major components of the environment and as a finite resource which must be properly managed to ensure the continued health and well being of individuals and communities. It examines land, air and water resources, land use policies and strategies, adverse impacts, management of these impacts and includes application of ISO 14000 series relating to “best practice” quality environmental management.

Courses: HL88, HL68, HL38
Credit points: 12  Contact hours: 3 per week

■ 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 including ecologically sustainable development and environmental health promotion. It will apply these principles to areas such as air pollution, food hygiene, communicable diseases 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: HL88, HL68, HL38
Credit points: 12  Contact hours: 3 per week

■ PUN621 EPIDEMIOLOGY
This unit covers the nature and the scope of health promotion program planning and evaluation from an examination of International and National public health and health promotion policy guidelines and frameworks, including National Goals and Targets for Health, as well as regional and local government initiatives to promote the health of the population. Public health 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 engages practitioners in an analysis of the theoretical principles of program planning and evaluation, and their application in practice. It is designed to enhance student skills in the development, implementation and evaluation of health promotion programs.

Courses: IF64, HL88, PU85, PU60
Credit points: 12  Contact hours: 3 per week

■ PUN624 HEALTH PROMOTION PLANNING & EVALUATION
This unit covers the nature and the scope of health promotion program planning and evaluation from an examination of International and National public health and health promotion policy guidelines and frameworks, including National Goals and Targets for Health, as well as regional and local government initiatives to promote the health of the population. Public health 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 engages practitioners in an analysis of the theoretical principles of program planning and evaluation, and their application in practice. It is designed to enhance student skills in the development, implementation and evaluation of health promotion programs.

Courses: IF64, HL88, PU85, PU60
Credit points: 12  Contact hours: 3 per week

■ PUN625 CLASSIFICATION & CASEMIX IN HEALTH
The use of classification systems in health services and their applications; statistical classifications (such as ICD) and nomenclatures (such as SNOMED); specialist classification systems for different health care settings (for example hospitals, ambulatory care, general practice); the development, application and use of case mix classification systems, especially ANDRGs. Offered in 1999 subject to sufficient student numbers.

Courses: HL88, HL68
Credit points: 12  Contact hours: 3 per week

■ PUN626 HEALTH INFORMATICS
The use of information technology in health services; computers, telecommunications and electronic storage systems (such as optical disk); technical, financial, human resource management and legal issues associated with the use of health informatics; applications for health authorities, hospitals, other health institutions and private practice. Field trips are included. Offered in 1999 subject to sufficient student numbers.

Courses: HL88, HL68, NS64, NS85
Credit points: 12  Contact hours: 3 per week

■ PUN627 CASE STUDIES IN HEALTH INFORMATION MANAGEMENT
Either individually or in groups, students analyse case studies, assess the situation and propose a solution or alternative solutions. The case studies are based on recent or current situations in local health care settings. Offered in 1999 subject to sufficient student numbers.

Courses: HL88, HL68
Credit points: 12  Contact hours: 3 per week

■ PUN628 HEALTH CARE DELIVERY SYSTEMS
Overview of health care delivery systems, examining the context in which public health operates in Australia. It is an introduction to the health administration branch of public health, being concerned with the coordination of human, physical, financial and information resources at all levels, including international, national, state, regional, community, facility and program levels. Health care delivery is examined from an organisational perspective in its ability to solve exiting problems, to prevent future problems, and to promote good health.

Courses: IF64, PU60, PU85, HL68, HL88, HL38
Credit points: 12  Contact hours: 3 per week

■ PUN629 AN INTRODUCTION TO HEALTH PROMOTION
Introduces students to the discipline of health promotion, an essential component of study for students of public health. It places health promotion, and provides an overview of its role, within the context of public health. Provides a critique of the relationship between health promotion and contemporary public health, including health policy formation. Outlines the theories and principles underpinning health promotion, enabling students to evaluate the relationship between theory and practice. Provides a broad overview to policy formation, placing it within the social, environmental and economic policy context, and introducing students to health public policies advocacy and lobbying, as well as to social and organisational concepts and strategies. Overviews health promotion planning, implementation and evaluation, and enables students to critique the processes concerned through case study analysis.

Courses: PU85, PU60
Credit points: 12  Contact hours: 3 per week

■ PUP007 SOCIAL & BEHAVIOURAL EPIDEMIOLOGY
This unit begins with the fundamental observation that disease is not democratic. It examines the magnitude of social inequalities in health, and considers the major explanations of this fascinating interaction between society and human biology. Students examine the measurement of morbidity and mortality in populations, and focus on ways in which health-related behaviour is quantified. The unit provides an over-
view of the main research designs in clinical, genetic, and social epidemiology. Through a series of case studies, and through systematic review and critique of scientific literature, students learn how to evaluate the effectiveness of health promotion, health education and other programs designed to minimise risk of disease in the general population.

Courses: HL88, PU69, PU85, PU60, HL68
Credit points: 12 Contact hours: 3 per week

PUP010 HEALTH IN AUSTRALIAN SOCIETY
Addresses significant issues associated with the multifactorial relationships between health and social, economic, political, and lifestyle factors. Examination of the structure of Australian society as it impacts on health; patterns of mortality and morbidity; social inequalities in health; and the nature and extent of contemporary health care delivery systems to address the current health profile of Australians.

Courses: HL88, IF64, PU65, PU69, HL68, HL38, NS64, NS85
Credit points: 12 Contact hours: 3 per week

PUP012 PROGRAM EVALUATION
An introduction to the role of evaluation in a broad range of health education and promotion and public contexts. The unit focuses on the development of skills in program evaluation, skills to analyse and interpret current evaluation literature and the development of evaluation proposals.

Courses: PU69
Credit points: 12 Contact hours: 3 per week

PUP018 HEALTH PROMOTION STRATEGIES
Examines and analyses the process of selection and implementation of appropriate strategies for promoting health. This includes a broad range of theories, methods and strategies for improving health across a range of settings.

Courses: HL88, PU69, PU85, PU60, HL68, NS64, NS85
Credit points: 12 Contact hours: 3 per week

PUP021 CASE STUDIES ON CONTEMPORARY HEALTH ISSUES
Focuses on current policy issues facing practitioners in health education and promotion. Includes critical analysis of strategies and policies designed to address contemporary health issues and encourages students to become informed and critical practitioners.

Courses: HL88, PU69, HL68, NS64, NS85
Credit points: 12 Contact hours: 3 per week

PUP022 HEALTH PROMOTION CONCEPTS & POLICY: A CRITICAL ANALYSIS
Essential advanced study for practitioners engaged in the application of health promotion strategies. Acknowledges the importance of knowledge and skills to reduce behavioural risks; however, it emphasises the significant strategies and policies of health promotion including healthy public policy, social view of health, laws and regulations and leadership and advocacy.

Courses: HL88, IF64, PU69, HL68, HL38
Credit points: 12 Contact hours: 3 per week

PUP023 PROGRAM PLANNING & EVALUATION
Examines the nature and scope of the planning process through a comprehensive analysis of the development, implementation, evaluation and management of health promotion programs in a range of settings. Critically analyses the use of planning models and their application to health promotion program development. Includes a focus on evaluation and program management.

Courses: HL88, HL68, PU69, HL68, HL38
Credit points: 12 Contact hours: 3 per week

PUP027 INDEPENDENT STUDY
Research work in an area of personal or professional interest to the student in the health sciences. The focus may be one of specific content area or process in health education or health promotion. Involves liaison with academic adviser.

Courses: PU69, HL68, HL88 Credit points: 12

PUP031 SETTINGS FOR HEALTH PROMOTION
Examines a settings approach to health promotion including a critical analysis of the nature and scope of health promotion in a wide range of settings such as school, community, rural, health services and workplaces.

Courses: HL88, HL68, PU69, NS64, NS85
Credit points: 12 Contact hours: 3 per week

PUP032 INTERVENTION DESIGN & 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: HL88, HL68, PU69, HL38, NS64, NS85
Credit points: 12 Contact hours: 3 per week

PUP115 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT
Introduces students to basic concepts in occupational health and safety; develops an understanding of and skills not only in basic management principles as they apply to this discipline but also in the development and delivery of health and safety training programs. Develops a sound foundation in the principles and practice of health promotion.

Courses: PU65
Credit points: 12 Contact hours: 3 per week

PUP116 ERGONOMICS
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 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: PU65, HL88
Credit points: 12 Contact hours: 3 per week

PUP215 OCCUPATIONAL HEALTH & SAFETY PRACTICE
Students develop an understanding of both the legal framework within which the discipline operates and industrial relations concepts and practices insofar as they impinge upon occupational health and safety. Basic statistical techniques are reviewed as an introduction to the study of concepts of epidemiology applicable to an occupational setting.

Courses: HL88, PU65
Credit points: 12 Contact hours: 3 per week

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: HL88, PU65
Credit points: 12 Contact hours: 3 per week

PUP415 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 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: HL88, PU65
Credit points: 12 Contact hours: 3 per week
■ PUP511 OCCUPATIONAL HEALTH MANAGEMENT
Provides students with the necessary skills to plan, organise, coordinate, control and evaluate a successful occupational health program in the workplace. Includes the study of the implementation of successful health assessment and surveillance programs, and the planning, implementation and evaluation of health education and promotion programs. The issues of the maintenance of occupational health records in accordance with legal, ethical and confidentiality guidelines are addressed.
Courses: PU65, HL88
Credit points: 12
Contact hours: 3 per week

■ PUP521 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.
Courses: HL88, PU85, PU65, PU60
Credit points: 12
Contact hours: 3 per week

■ QCD100 BUSINESS ENGLISH 1
Focuses on the macro-skills of listening and reading; using spoken and written texts of an academic nature to summarise, analyse, make inferences and recognise key concepts; extension of vocabulary and strategies for effective group participation in a cross-cultural context.
Credit points: 12
Contact hours: 4 per week

■ QCD200 BUSINESS ENGLISH 2
Designed to increase students' capacity to write and speak more effectively with emphasis on the requirements of an academic context; practical application of the skills required in oral presentation, assignment writing and exam techniques; the learning tasks of QCD200 complement and parallel the concepts developed in the core units of the University Diploma in Business.
Prerequisites: QCD100
Credit points: 12
Contact hours: 4 per week

■ QCX101 COMMUNICATION FOR NURSING
Designed to cater for the linguistic needs of international and non-English speaking background nursing students undertaking Nursing studies in NS40 and NS48; prepare for the academic, professional and cultural challenges facing nursing students in their degree studies; intensive review of English language and learning skills including selected readings; written and oral communication and the preparation and presentation of research papers within an academic and professional context.
Credit points: 12
Contact hours: 4 per week

■ SCB202 SCIENCE, TECHNOLOGY AND SOCIETY
The origins of modern science and technology in a social and historical context leading to the study of their role and impact in contemporary society; includes case studies of the development of particular concepts, issues and science and technology based industries. Topics include: the study of the nature of science and technology; the sociological functioning of the scientific enterprise – its norms and values; the nature of scientific knowledge – objectivity and epistemological issues; the future of science and technology – policy and influences.
Courses: ED50
Credit points: 12
Contact hours: 4 per week

■ 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: physical geology of the planets and formation of the solar system, gravitation, optics of telescopes, spectra and their measurement, phenomena of astronomical origin, brief introduction to stars and galaxies. Practical exercises and field trips.
Courses: ED50, SC30
Credit points: 12
Contact hours: 5 per week

■ SCB301 SCIENCE FOR DEAN'S SCHOLARS
The content of this unit is offered through eight modules, of which students are required to complete five. The range of modules, together with the selection required, ensures that students have a broad foundation for advanced studies. The modules offered are: Life Sciences 1, Life Sciences 2, Mathematical Sciences 1, Mathematical Sciences 2, Natural Resource Sciences 1, Natural Resource Sciences 2, Physical Sciences 1, Physical Sciences 2.
Courses: SC01 (Dean's Scholars program)
Prerequisites: Three of the Senior subjects Biology, Chemistry, Earth Science, Maths B, Maths C, or Physics with at least 2 (4 VHA) and 1 (HA)
Credit points: 24
Contact hours: 20 per week (for four weeks

■ SCB302 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 program)
Prerequisites: SCB301
Credit points: 24

■ 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 program)
Prerequisites: Either (a) SCB301 and SCB302, or (b) completion of 8 units in the SC01 program, including at least three Faculty core units from List A and at least three from List B, with a GPA of at least 6.0
Credit points: 12
Contact hours: 4 per week

■ 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 program)
Prerequisites: Either (a) SCB301 and SCB302, or (b) completion of 8 units in the SC01 program, including at least three Faculty core units from List A and at least three from List B, with a GPA of at least 6.0
Credit points: 12
Contact hours: 4 per week

■ SCB402 EARTH RESOURCES MANAGEMENT
Appreciation of earth resources; their distribution and uses; societal and environmental impacts and 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 applications for exploration licences, claims and leases. A field trip may be included.
Courses: SC01, ED50, IF39, IF71
Credit points: 12
Contact hours: 5 per week
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 program
Prerequisites: SCB401
Credit points: 24

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 program
Prerequisites: SCB401
Credit points: 24

SSB000 INTRODUCTION TO SOCIOLOGY 1A: AUSTRALIAN PERSPECTIVE
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 utilise 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, SS07, SS60
Credit points: 12
Contact hours: 3 per week

SSB002 INTRODUCTION TO HUMAN RIGHTS
Historically, social science inquiry has sustained a particular interest in both explaining, and changing, situations characterised by deprivation, exploitation, persecution, disadvantage and discrimination. This unit utilises the insights of social science to explore ideas about individual and collective rights. By making extensive use of current information technology (Internet, E-mail, electronic discussion groups) the Unit then explores a range of contemporary international, regional and national situations in terms of civil, political, economic, social and cultural rights.
Courses: SS07
Credit points: 12
Contact hours: 3 per week

SSB003 INTRODUCTION TO PSYCHOLOGY
Introduces students to the study of psychology as the scientific study of human behaviour and to develop their awareness of the nature of this science, its methods, concepts and theories.
Courses: SS07
Credit points: 12
Contact hours: 3 per week
Incompatible with: SSB101, SSB912

SSB004 SOCIAL INEQUALITY & DIFFERENCE IN AUSTRALIA
Provides students with analytical skills required for the examination of contemporary patterns of social inequality and difference. It looks at changes in capitalism which have provided for the emergence of new forms of inclusion, exclusion, division and difference, and outlines the perspectives of polarisation, fragmentation and identity from which these patterns can be studied. Four major dimensions of inequality and difference – Class, Gender, ‘Race’ and Ethnicity and Age – are studied as examples of relevant dynamics producing these patterns in contemporary society. These dynamics are then placed in the context of specific fields such as culture, health, higher education and the labour market in order to examine their operation in specific sectors.
Courses: SS07
Credit points: 12
Contact hours: 3 per week

SSB007 INTERPERSONAL PROCESSES & SKILLS
Examines complex communication skills and understandings; communication as a change process and as narrative; awareness and skills with regard to social style, assertion, confrontation and other influencing skills; conflict; stress and burnout; gender and cross-cultural issues in communication; interviewing skills.
Courses: SSB07, SS60
Credit points: 12
Contact hours: 3 per week
Incompatible with: SSB052

SSB008 COUNSELLING THEORY & PRACTICE 1
Analyses and develops skills associated with the counselling process and helping relationship; theoretical bases of major counselling approaches; counselling skills of the major approaches; re-authoring and deconstructionist perspectives; ethical, gender and cultural issues in counselling; counselling applied in particular situations; crisis counselling; change processes in counselling; sociological analysis of the role and function of counselling.
Courses: SSB07
Credit points: 12
Contact hours: 3 per week

SSB011 CHILD & FAMILY SERVICES: INTRODUCTION
Introduction to child and family welfare theory and practice and contemporary services, particularly family violence; successful family functioning and adaptation through the life span; basic needs and rights of families; developmental stages and transitions of the family life cycle; family relationship dynamics, causes of family dysfunction, crises and disruption; theoretical approaches working with families, family assessments, planning interventions and recording data; legislation, ethical and practice standards.
Courses: SSB07, SS60
Credit points: 12
Contact hours: 3 per week

SSB012 DISABILITY SERVICES: INTRODUCTION
History and attitudes to disability: discourses on disability; assumptions underlying relationships and services provision; impact of disability upon individuals and their families; critical review of the principles and theoretical frameworks (normalisation, social role valorisation, least restrictive alternatives, dignity of risk, self-advocacy) which underpin services; personal futures planning for and with individuals.
Courses: SSB07, SS60
Credit points: 12
Contact hours: 3 per week

SSB013 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 of the purpose and function of prisons and community corrections. The unit also examines theories of deviance, and types of offenders.
Courses: SSB07, SS60
Credit points: 12
Contact hours: 3 per week

SSB014 AGED SERVICES: INTRODUCTION
The first of three units focusing specifically on human services work with older adults. It introduces the historical, social, cultural and legislative scene within which services to older adults operates, aspects of intelligence, memory and learning in relation to ageing and perspectives of work and retirement. In addition the home environment and living with change, in relation to ageing and perspectives of work and retirement.
Courses: SSB07, SS60
Credit points: 12
Contact hours: 3 per week

SSB016 SERVICES TO YOUNG PEOPLE: INTRODUCTION
Provides an introduction to youth work practice and to the contemporary provision of youth services. Major theoretical approaches to understanding young people will be examined.
The social construction of “youth” in contemporary Australian society will be an area of specific focus. The nature of contemporary issues affecting young people will be investigated under the broad headings of health; education, vocational training and the labour market; accommodation/housing; juvenile justice; and young people in the context of families. Contemporary service provision to young people will be identified, together with contemporary policy and practice issues.

**Courses:** SSB07, SSB60  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB017 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 therapeutic community; evaluating group work; ethical issues.  
**Courses:** SSB07  
**Prerequisites:** SSB007, SSB052 or equivalent  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB020 CHILD & FAMILY SERVICES: PRACTICE ISSUES**  
An overview of the frameworks, assessments and intervention skills necessary for human service work with children in the following contexts: child protection, alternative care, domestic violence, divorce, juvenile justice and chemical dependency.  
**Courses:** SSB07, SSB60  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB021 DISABILITY SERVICES: PRACTICE ISSUES**  
Major life domains of home, work, education, leisure, relationships as they relate to people with a disability; critiquing service responses – underpinning philosophies, effects on service users and providers; promoting valued social roles, quality of and empowering environments for people with a disability; examination of the regulatory environment affecting services; preparation for Industry Practicum; impact of specific disabling conditions – intellectual, physical, sensory and psychiatric.  
**Courses:** SSB07, SSB60  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB022 CORRECTIVE SERVICES: PRACTICE ISSUES**  
Investigates current empirical criminal data, legislation and political influences as a basis for examining corrective services policies and practices. It explores prison operations, prisoner rehabilitation programs, criminal behaviour trends issues, young offender crime and issues faced by the victims of crime. The course provides students with practical information and preparedness for the professional practice component of the course.  
**Courses:** SSB07, SSB60  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB023 AGED SERVICES: PRACTICE ISSUES**  
Expands the knowledge, skills, and abilities developed in Aged Services: Introduction. It has an emphasis on investigating and addressing the needs of people as they grow older in the Australian environment. The unit offers an overview of programs and services available to older adults locally and federally. It also develops critical awareness of practice regulations imposed by legislation and other regulatory bodies. This unit is instrumental in preparing students for their field practicum  
**Courses:** SSB07, SSB60  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB025 SERVICES TO YOUNG PEOPLE: PRACTICE ISSUES**  
Composed of three inter-related elements: The first explores differences in the situation and experience of young people using the major organisers of gender, ethnicity, race, locality, disability, sexual orientation and socio-economic status/class. Implications for youth work practice will be examined. The second element identifies and develops analysis regarding current and emerging service delivery models. The third element examines a range of issues, skills and knowledge necessary for beginning practice in service delivery to young people.  
**Courses:** SSB07, SSB60  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB027 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:** SSB07  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB030 CHILD & FAMILY SERVICES: ADVANCED PRACTICE**  
Work with disadvantaged parents, foster parents and adoptive parents; human services responses by women for 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:** SSB07, SSB60  
**Prerequisites:** SSB020, SSB059  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB031 DISABILITY SERVICES: ADVANCED PRACTICE**  
Review of industry practicum experiences; federal, state and local government policies, legislation and programs; analysis of international influences on Australian scene; policy areas of disability – income maintenance, housing, education, transport, employment; legal and ethical issues confronting individuals and agencies working with people with disabilities and their families; team building, teamwork and collaboration among professionals, service agencies and consumers, approaches to advocacy.  
**Courses:** SSB07, SSB60  
**Prerequisites:** SSB021, SSB059  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB032 CORRECTIVE SERVICES: ADVANCED PRACTICE**  
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:** SSB07, SSB60  
**Prerequisites:** SSB022, SSB059  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB033 AGED SERVICES: ADVANCED PRACTICE**  
Analyses and builds on the field experience and assists the integration of theory and practice. It also critically evaluates the range of human service responses in the field of aged services. It develops capacities to analyse the health and wellness status of older adults. Topics covered include: self care, physical fitness, nutrition, sexuality, dementia, substance abuse, depression and coping. Skills for planning programs and workshops with a health focus are developed.  
**Courses:** SSB07, SSB60  
**Prerequisites:** SSB023, SSB059  
**Credit points:** 12  
**Contact hours:** 3 per week

**SSB035 SERVICES TO YOUNG PEOPLE: ADVANCED PRACTICE**  
Focuses on the development of specific skills and knowledge required in the professional practice within services to young people. The unit utilises the experiences of students on the field practicum as a starting point for examining particular
areas of specialist skill. The skill areas chosen reflect both micro and macro aspects of contemporary practice in services to young people. Practice frameworks and skills in the following areas are included: statutory juvenile justice, crime prevention, mental illness, suicide prevention, drug and alcohol misuse, prevention and early intervention in relation to homelessness, consumer rights, grief and loss, youth policy analysis and development, and ethics in working with young people and in services to young people.

Courses: SS07, SS60  Prerequisites: SSB025, SSB059  Credit points: 12  Contact hours: 3 per week

SSB046 DIRECTED STUDIES IN HUMAN SERVICE PRACTICE & THEORIES

Provides an opportunity for students to undertake a research based project within their chosen service area. Students will undertake study which has a high level of specificity within an area or areas of practice identified by each Service Coordinator.

Courses: SS07  Credit points: 12  Contact hours: 3 per week

SSB048 MANAGING HUMAN SERVICE ORGANISATIONS

The managerial task in human service organisations; managerial paradigms and an empowering managerial framework; developing collaborative work environments; recruitment, selection and development of workers; managing disagreement and conflict; introducing change.

Courses: SS07  Prerequisites: SSB054  Credit points: 12  Contact hours: 3 per week

SSB050 INTRODUCTION TO HUMAN SERVICES

Introduces students to the human service industry in Australia and to the role of professional human service practitioners. It provides foundation knowledge about the industry, its size, composition, role in the society and economy, historical, cultural, economic and political foundations. In doing so it places Australia in a comparative and global context.

Courses: SS07, SS60  Credit points: 12  Contact hours: 3 per week

SSB051 HUMAN DEVELOPMENT

Covers the psycho-social development of the individual through the lifecycle. An emphasis will be placed on major developmental transitions such as adolescence, starting work, becoming a parent, bereavement, divorce and retirement. The unit aims to help students analyse and contextualise issues such as child abuse, unemployment, gender identity, relationship breakdown, and ageism.

Courses: SS07  Credit points: 12  Contact hours: 3 per week

SSB052 INTERPERSONAL SKILLS FOR HUMAN SERVICES

Introduces the skills and processes of interpersonal relationships with emphasis on microskills such as attending, questioning, reflective listening and confronting which are essential to understanding, building empathy with and advocating for clients of human services. The skills and knowledge of process and theories also facilitate growth of team work among colleagues and effective personal relationships. The processes which follow when people interact in small groups to set and achieve goals, make decisions, solve problems and offer mutual support are also covered.

Courses: SS07, SS60  Credit points: 12  Contact hours: 3 per week  Incompatible with: SSB007

SSB053 POLICY & SOCIAL CHANGES IN HUMAN SERVICES

Conceptualising economic, population and structural change in Australia: understanding emerging 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, legal, immigration and family policies at federal, state and local government level.

Courses: SS07  Credit points: 12  Contact hours: 3 per week

SSB054 WORKING IN HUMAN SERVICE ORGANISATIONS

Service quality and the organisational dimension; industrialisation and development of 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: SS07  Credit points: 12  Contact hours: 3 per week

SSB055 ETHICS, RIGHTS & HUMAN SERVICES

Provides a human rights framework for professionals working in the human services and related industries. It reviews major human rights instruments and analyses their relevance for the human services sector. It critically examines both generic and consumer specific rights based legislation. It places particular emphasis on human rights in Australia exploring in detail the legal, administrative and professional arrangements for realising and protecting such rights.

Courses: SS07  Credit points: 12  Contact hours: 3 per week

SSB056 PRACTICE THEORIES & CONTEXTS

Introduces students to the theories and models underpinning human service practice. It provides ways of conceptualising human service practice, and encourages students to develop workable practice frameworks. It contextualises human services practice within the orienting disciplinary theories and introduces specific human service practice theories. In doing so, the application of the various practice theories and models in the field are stressed.

Courses: SS07  Credit points: 12  Contact hours: 3 per week

SSB057 HUMAN SERVICES INDUSTRY EXPERIENCE

Students undertake 40 hours of voluntary industry experience. Introduction to working within the human service industry; issues relating to use of self and working within the organisational context; issues facing beginning practitioners; role of professional development; development of industry skills.

Courses: SS07  Credit points: 12  Contact hours: 3 per week

SSB058 SOCIAL INQUIRY

The competencies involved in understanding the processes of social research and interpreting extant research are increasingly important in Social Science work. This unit is oriented to introducing students to the fundamentals of social inquiry providing skills in critical evaluation of existing research and in understanding research processes sufficiently to write a research proposal. On completion of this unit, students will be able to understand the processes of social research sufficiently to enable them to evaluate selected examples of existing research, interpret some basic qualitative and quantitative data, understand the logics and processes of different social science methods and research designs, make judgements concerning the suitability of specific methods and approaches for different kinds of research tasks, and apply the above skills in the preparation of a research proposal.

Courses: SS07  Credit points: 12  Contact hours: 3 per week

SSB059 PROFESSIONAL PRACTICE

A program of university workshops and fourteen week block placement (or negotiated equivalent) in a human service setting (offering a professionally supervised, contracted learning experience of human service work). This unit challenges
students to consolidate and develop critical human service practice competencies and knowledge and to integrate theory with practice realities.

**Courses:** SS07

**Prerequisites:** SSB008 or SSB052, SSB050, SSB054, SSB056, SSB057. Students may discuss pre-requisite options with the Lecturer, Professional Practice.

**Credit points:** 48  
**Contact hours:** 500

**SSB060 HUMAN SERVICES IN MACRO CONTEXTS**

Introduction to political theories and their ideological foundations; overview of dominant discourses in Australia's post-colonial history, especially post-federation; criticisms of political theories and ideologies from alternative perspectives such as feminism, indigenous people, cultural difference, radical, green; linkages between political ideologies, their manifestations in practice and links with human services; contemporary issues in the political context and their impact on the redistributive capacity of the Australian welfare state; political decision making and points of influence; public sector economic decision making.

**Credit points:** 12  
**Contact hours:** 3 per week

**SSB101 INTRODUCTION TO PSYCHOLOGY & HEALTH CARE**

Introduces the principal content areas and methodology of psychology. Topics include: developmental theory; perception and cognition; personality; emotions, stress and anxiety; coping; self-esteem and self-identity and learning.

**Courses:** NS40

**Credit points:** 12  
**Contact hours:** 3 per week

Incompatible with: SSB003, SSB912

**SSB440 THE LOGIC OF SOCIAL INQUIRY**

Assists advanced level students to understand and apply important principles associated with “best practice” in both extensive (statistical) and intensive (qualitative) research. The unit enables students to apply questions relating to the nature of social explanation: types of objectivity, the relationship between theory and observation, the nature of social causation, the process of model construction and testing and so on with more confidence in the conceptualisation of their own research projects. The unit also enables them to translate philosophies and principles of research into concrete research strategies. At this level, students will apply questions of explanatory contribution, generalisability, hypothesis formulation and testing, reliability, validity and triangulation to different specific research perspectives. Finally, students are encouraged to be aware of the practical relevance and implications of their research and situate this question in wider frameworks pertaining to the nature and purpose of social scientific knowledge.

**Courses:** AT22

**Credit points:** 12  
**Contact hours:** 3 per week

**SSB442 ADVANCED SEMINAR IN SOCIOLOGICAL RESEARCH**

Introduces students to important contemporary debates in sociological research, in order to deepen their understanding of social issues and enable them to critically evaluate issues, theories, policies and differing images of society.

**Courses:** SS13

**Credit points:** 12  
**Contact hours:** 2 per week

**SSB444 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:** SS13

**Credit points:** 12  
**Contact hours:** 2 per week

**SSB448 RESEARCH THESIS 1-5**

The design and development, including the literature review, of the Sociology Honours dissertation topic, under the direction of the supervisor.

**Courses:** SS13

**Credit points:** 12  
**Contact hours:** 0.5 per week

**SSB451 RESEARCH THESIS 1-6**

SSB451/1-2 involves the design and initial development of the dissertation topic. This includes the literature review. SSB451/3-5 involve further research and completion of honours dissertation under the direction of a supervisor. In SSB451/6, 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:** SS14

**Credit points:** 12  
**Contact hours:** As required

**SSB804 PSYCHOLOGY & GENDER**

What is gender?; theories of gender; male and female; masculine and feminine; roles versus 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:** SS60, HU22

**Credit points:** 12  
**Contact hours:** 3 per week

**SSB806 INTERPERSONAL & GROUP PROCESSES**

Understanding relationships and small group dynamics with emphasis on skill development in listening, helpful responding, assertion, conflict resolution, disclosure, feedback; models of group development and roles lead to facilitation and leadership skills. Skills are applied and analysed outside the class.

**Courses:** ED50

**Credit points:** 12  
**Contact hours:** 3 per week

**SSB807 HUMAN SEXUALITY**

Sexuality; model strategies for dealing appropriately with sensitive value-laden issues; practical comfort in discussion of sexual matters; aspects of sexuality relevant to the student’s own development; the sexual development of adolescents; issues of social concern such as sexual abuse of children.

**Courses:** ED50, SS60, HU22

**Credit points:** 12  
**Contact hours:** 3 per week

**SSB809 HEALTH & POLITICS IN ISLAM**

Explores the origin and development of Islam and examines the influence of Islam on various areas of life for example social, economic, political and health. Looks closely at the South-East Asian expansion and experience of Islam and its implications on the health system and institutions. Focuses on the state of health of Australian Muslims and examines the access and cultural appropriateness of delivery of health resources in Australia.

**Courses:** SS07, NS40, NS48

**Credit points:** 12  
**Contact hours:** 3 per week

**SSB830 ENVIRONMENTAL PSYCHOLOGY**

How to apply theoretical concepts as tools in environment-behaviour research and analyse environmental settings using theoretical concepts. The following topics will be considered: The role of social and cultural variables in human-environment interactions; theory of place; behaviour settings; privacy, personal space, territoriality; environmental meaning and cognition; risk perception; environmental stress; environmental evaluations and appraisals. Specific environments such as the home, communities and cities, natural and therapeutic environments are also examined.

**Courses:** HU22, SS07

**Prerequisites:** SSB932 and SSB915

**Credit points:** 12  
**Contact hours:** 3 per week

Incompatible with: ARB291, PSB052

**SSB832 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, HU22
Credit points: 12
Contact hours: 3 per week

12

■ SSB904 SOCIOLOGY OF HEALTH & ILLNESS
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 perspective. Influence of gender, age, ethnicity, social class and disability in their experience. Importance of social and cultural approach to environmental health issues.

Courses: SS07, NS40, NS48
Credit points: 12
Contact hours: 3 per week

■ SSB908 BEHAVIOURAL SCIENCE
The current course provides an introduction to the concepts and theories of organisational behaviour and their application in the work environment.

Courses: CN31, CN32
Credit points: 8
Contact hours: 2 per week

■ SSB911 GENERAL PSYCHOLOGY
Enables optometry students to demonstrate effective interpersonal skills in relation to patients and other health professionals; indicates bases of individual differences; diagnose patient needs and respond appropriately; states causes of stress, effects on health, and indicates appropriate techniques to reduce stress; indicates techniques that may be used to modify patient attitudes.

Courses: OP43
Credit points: 4
Contact hours: 2 per week

■ SSB912 PSYCHOLOGY
Psychological theories and methods of investigation are examined in the areas of research approaches, learning and motivation, perception, human development, stress, intelligence, personality, social influence and the brain and nervous system.

Courses: HM42, PU49
Credit points: 12
Contact hours: 3 per week
Incompatible with: SSB003, SSB101

■ SSB913 DEVELOPMENTAL PSYCHOLOGY
An introduction to life span developmental psychology. The course will cover major theories of life span development and include biological, social and cognitive aspects of development from birth through to old age. The unit emphasises critical evaluation of theories and applies a developmental perspective to applied topics such as romantic relationships, work, development of gender identity and positive aging.

Courses: SS07
Prerequisites: SSB003 or SSB932
Credit points: 12
Contact hours: 3 per week

■ SSB915 SOCIAL PSYCHOLOGY
Philosophy of social science; historical perspective; social and self and personal space; social perception and groups; research methodology; stereotypes and prejudice; conformity; persuasion; attraction and intimacy; help seeking and giving; aggression; leadership.

Courses: SS07, SS60
Prerequisites: SSB003 or SSB912 or SSB932
Credit points: 12
Contact hours: 3 per week

■ SSB922 SOCIAL & CULTURAL ASPECTS OF HEALTH
A broad overview of the key theoretical and practical questions currently being addressed in the field of the sociology of health and illness providing a framework for individuals wishing to develop professional skills in health education.

Courses: ED50
Credit points: 12
Contact hours: 3 per week

■ SSB930 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: SS07
Credit points: 12
Contact hours: 3 per week
Incompatible with: MAB237, MAB247

■ SSB931 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: SS07
Prerequisites: SSB003 or SSB912 or SSB932
Credit points: 12
Contact hours: 3 per week
Incompatible with: SSB937

■ SSB932 INTRODUCTION TO PSYCHOLOGY 1B
Extends the introduction to psychology as the scientific study of human behaviour provided in Introduction to Psychology 1A. This unit introduces students to the basic psychological processes involved in perception, consciousness, learning, and memory, and their biological bases.

Courses: SS07
Prerequisites: SSB003 or SSB912
Credit points: 12
Contact hours: 3 per week

■ SSB933 COGNITIVE PSYCHOLOGY
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: SS07
Prerequisites: 36 credit points of second or third year psychology units
Credit points: 12
Contact hours: 3 per week
Incompatible with: SSB937

■ SSB934 PHYSIOLOGICAL PSYCHOLOGY
The physiological and cognitive bases to human behaviour; the nervous and endocrine systems of the body, the brain and its functioning; learning, information processing, memory and problem solving; consciousness and altered states of consciousness; hormones and drugs and their effects on emotional expression; the development of intelligence, and overall the relation of physiological and cognitive factors to motivation and behaviour. Some attention is also given to comparative psychology, with reference to animal/human behaviour.

Courses: SS07
Prerequisites: SSB003 or SSB932
Credit points: 12
Contact hours: 3 per week
Incompatible with: SSB917

■ SSB936 PERSONALITY & PSYCHOPATHOLOGY
The first part of this unit provides an overview of some of the major personality theorists and theories in order to develop an understanding of contemporary approaches to normal personality function. The second part outlines problems in psychological functioning and reviews of research and theory relating to the major classes of mental disorder identified in DSMIV, the diagnostic and classification manual most frequently employed in Australia and the United States.

Courses: SS07
Prerequisites: SSB915
Credit points: 12
Contact hours: 3 per week
SSB937 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 like reading and speech perception. In addition, the unit highlights how this basic knowledge can be used to solve Real World problems in domains including human-computer interaction and education.
Courses: IF52, IF54, IS43, IT20, SSO7, SS60
Credit points: 12
Contact hours: 3 per week
Incompatible with: SSB933

SSB938 INTRODUCTION TO THEORY & RESEARCH IN HYPNOSIS
This home study based 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: SSO7
Prerequisites: 1 year of undergraduate study, including SSB930
Credit points: 12
Contact hours: 3 per week

SSB939 ALCOHOL & OTHER DRUG STUDIES
A second or third year elective giving attention to the following: what is a drug?: an overview of licit and illicit drugs; models of use: assessment; and intervention strategies, theories and research into dependency, historical examples of drug use; Australian drug use; social reinforcement of drug use; gender issues; cultural issues; physiology of drug use; legal issues; mythology and drug use.
Courses: SSO7, SS60, HU22
Credit points: 12
Contact hours: 3 per week

SSB941 PSYCHOLOGICAL ASSESSMENT
Although the major emphasis is on assessment theory, lectures also promote a knowledge of the mainstream intelligence, educational, vocational, organisational, personality and neuropsychological tests.
Courses: SSO7
Prerequisites: 36 credit points of second or third year psychology units
Credit points: 12
Contact hours: 3 per week

SSB943 OCCUPATIONAL AND VOCATIONAL PSYCHOLOGY
Issues relating to career planning and choice, the transition from school or college to work, adjustment and health at work are examined. Relevant interests, values and ethical standards inherent in or related to the different work and non-work places may be significant to the wellbeing of individuals and groups and consequently to the wellbeing of the nation. Psychologists and social scientists need opportunities to study these issues in the light of available professional theories and practice. This subject provides opportunity for attention to be given to issues in this area.
Courses: SSO7, SS60
Prerequisites: 36 credit points of second or third year psychology units
Credit points: 12
Contact hours: 3 per week

SSB944 INDUSTRIAL & ORGANISATIONAL PSYCHOLOGY
Psychological Research underpins the focus of this unit. It expands on the cited prerequisite units, and develops an understanding of individual and group behaviour in organisations and community groups. It extends and deepens understanding in selected areas such as selection and appraisal, human factors in job design and performance, group work and personal motivation, and the qualities needed in career advancement. Aspects of leadership, management and organisational change are also introduced. Applications of organisational theory to community change and development are a focus of this unit.
Courses: SSO7
Prerequisites: SSB915, SSB930
Credit points: 12
Contact hours: 3 per week

SSB946 COUNSELLING THEORY & PRACTICE 2
Counselling issues and approaches in relation to loss and grief, post-traumatic stress, rehabilitation, drugs and substance abuse, relationship counselling, separation, sexual abuse, suicide, cultural differences, psychosis; current approaches to counselling including process work, brief psychotherapy, languaging and the construction of problems; group therapy; group counselling; analytic psychotherapy; ethical, social and moral issues in counselling.
Courses: SSO7
Prerequisites: SSB008
Credit points: 12
Contact hours: 3 per week

SSB948 ADVANCED DEVELOPMENTAL PSYCHOLOGY
Provides principles that can aid in both the execution and evaluation of research in the field of life span development. Primary attention is given to research methods in developmental psychology and major issues in life span development including attachment, vulnerability and resilience, behaviour problems, families, marriage, friendship in the aged.
Courses: SSO7
Prerequisites: 36 credit points of second level psychology units including SSB005, or SSB913 as one of the units
Credit points: 12
Contact hours: 3 per week

SSB949 INTRODUCTION TO FAMILY THERAPY
Major concepts of systemic therapy as applied to families; major models of family therapy, for example structural, strategic, systemic, solution focused; assessment of family structures and dynamics; using therapeutic teams, for example reflecting team; contemporary issues in family work, for example gender, ethnic, changing family foundations; specific ethical issues, for example confidentiality, record keeping, interaction with other systems, referral management; family dynamics.
Courses: SSO7
Prerequisites: SSB008
Credit points: 12
Contact hours: 3 per week

SSB950 RESEARCH & DESIGN & 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 students with the knowledge and skills required to do these tasks with respect to three types of prediction; differences between means, relationship between sets of scores, and differences in frequency.
Courses: SSO7
Prerequisites: SSB930
Credit points: 12
Contact hours: 3 per week

SSB951 ADVANCED STATISTICAL ANALYSIS
A specialist statistical program is taught for the preparation and support of students using quantitative procedures for research; procedures are practised on data available in ACSPRI archives and/or from school and other research projects and will prepare for the collection of their own database for their major project; may be offered to postgraduate students enrolled in other QUT Schools and Faculties.
Courses: SSO7
Prerequisites: SSB930
Credit points: 12
Contact hours: 3 per week

SSB953 SPECIAL TOPIC
As determined by the special topic presenter in conjunction with the Head of School; usually at third year level.
Courses: SSO7
Prerequisites: At least 144 credit points at degree level and specific units as required
Credit points: 12
Contact hours: 3 per week
Courses:

SSB960 INTRODUCTION TO SOCIOLOGY 1B: GLOBAL PERSPECTIVE
Focusses on a sustained treatment of the concept of globalisation and the theories that it has provoked in contemporary sociological debates. This will entail a look at processes of globalisation in contemporary societies and state-systems. We shall look, therefore, at the new zonal groupings – the European, North-East Asian and North American now in the process of formation; and the economic, political and cultural trends that are leading in this direction. It will also look at Australia’s place in the new world order/disorder.

Courses: SS07  
Prerequisites: SSB000  
Credit points: 12  
Contact hours: 3 per week

SSB962 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  
Credit points: 12  
Contact hours: 3 per week

SSB964 SEX, GENDER & SOCIETY
Focusses 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, HU22  
Credit points: 12  
Contact hours: 3 per week

SSB965 CULTURAL STUDIES
Focuses on culture and its role in the construction of the person and of social life. Much of the emphasis of this unit is on historical sociology and cross-cultural sociology: this strategic emphasis is taken in order to throw modern experiences into relief. We shall study a series of experiences which have only recently made their way into the sociological mainstream: the limit experiences of madness, death, sexuality and criminality; and the miscellany of social life those experiences were once thought too unimportant to study, such as swimming, walking, spitting and eating.

Courses: SS07  
Credit points: 12  
Contact hours: 3 per week

SSB966 INDEPENDENT STUDY (SOCIOLOGY)
Students work on their own research programs under supervision. Students will, either individually or in small groups, undertake a reading program in an approved content area leading to written work of around 4000 words.

Courses: SS07  
Prerequisites: 60 credit points in sociology  
Credit points: 12  
Contact hours: 3 per week

SSB969 SOCIOLOGICAL THEORY & ANALYSIS
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  
Credit points: 12  
Contact hours: 3 per week

SSB970 ECONOMIC SOCIOLOGY
Examines some central approaches to understanding the relationship between economy and society. First, it examines the history of – and current debates concerning – this relationship. Second, it looks at three major approaches to understanding the relationship between economy and society: economic liberalism, political economy and economic sociology. Third, it provides an overview of the different economic formations this century from Fordism to Post-Fordism, Flexible and Reflexive Accumulation. Fourth, it analyses some examples of the intersection between the economy and everyday culture looking at areas such as aesthetics, time and space, trust relations and moral factors.

Courses: SS07, SS60  
Credit points: 12  
Contact hours: 3 per week

SSB971 POLITICAL SOCIOLOGY
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 compulsory education as the sphere of the reproduction of social relationships.

Courses: SS07, SS60  
Credit points: 12  
Contact hours: 3 per week

SSB972 ETHNICITY, NATIONALISM AND CULTURAL DIVERSITY IN THE CONTEMPORARY WORLD
Ethnicity and nationalism play a very significant role in shaping the contemporary condition in many different parts of the globe. One of the main objectives of this unit is to explore the links between nationalism, ethnicity and contemporary social developments. Students will be given comprehensive overviews of different theories in the field of ethnicity and nationalism. Some of the contemporary ethnic and nationalist conflicts will be analysed.

Courses: SS07  
Credit points: 12  
Contact hours: 3 per week

SSB973 SOCIAL THEORY AND SOCIAL CHANGE IN CONTEMPORARY EUROPE
The aim of this unit is to help students to learn how to conceptualise the rapid pace of change and its consequences in contemporary Europe. It will contribute to students’ understanding of complex relationships between social and political change and theoretical reflection. It will familiarise them with some of the key thinkers in modern European social theory.

Courses: SS07, SS60  
Credit points: 12  
Contact hours: 3 per week

SSB974 SOCIOLOGY OF SCIENTIFIC KNOWLEDGE
Introduces students to the various methodological approaches used in the study of scientific knowledge; go through a variety of case studies which will demonstrate the constructedness of such knowledge; and demonstrate the implications of such study for an understanding of our changing society. In recent years, sociologists have come to see the value of studying the construction of scientific knowledge, overcoming a vague distaste for scientific activity and recognising the importance of understanding the major truth-providing discourse of our age.

Courses: SS07, SS60  
Credit points: 12  
Contact hours: 3 per week

SSB975 HISTORY OF THE HUMAN SCIENCES
Since the nineteenth century, a variety of sciences have emerged which have taken the activities of man as their object. Economics, biology and linguistics were radically reformed, and a variety of new sciences such as sociology, psychology and anthropology joined in the attempt to make the human body and soul calculable, as Nietzsche put it, to
translate human life into a register of numbers, graphs, and
dossiers. This unit will examine the conditions which allowed
for the generation of these human sciences; examine how these
sciences transformed their putative object of study; and
assess the interconnection between these new forms of knowl-
edge and new ways of administering the conduct of life.
Courses: SS07, SS60
Credit points: 12
Contact hours: 3 per week

■ SSB976 ADVANCED SEMINAR IN SOCIAL
THEORY
In this seminar students will explore a range of issues perti-
nent to contemporary social theory and its theoretical origins.
Modern social theorizing is often associated with the notion
of postmodernism but this cannot be understood without criti-
cal assessment of modernism. The main task of this unit will
therefore be to familiarize students with the authors and themes
marking the transition from modernism to postmodernism.
Courses: SS07
Credit points: 12
Contact hours: 3 per week

■ SSB978 SOCIAL IDENTITIES IN LATE
MODERNITY
The question of social identities emerging in late modernity
represents one of the most crucial aspects of contemporary
social theorizing 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 iden-
tity representation.
Courses: SS07
Prerequisites: SSB000, SSB969
Credit points: 12
Contact hours: 3 per week

■ SSB980 CONTEMPORARY SOCIOLOGICAL
THEORY
Examines a range of social theory which has had an increas-
ing 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 sociolo-
gist.
Courses: SS07
Credit points: 12
Contact hours: 3 per week

■ SSB981 QUALITATIVE RESEARCH METHODS
Introduces students to the logic/s, techniques and contribu-
tions 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 is-
sues of reliability and validity. The unit looks at these pro-
cesses with respect to the contribution and logic of the
qualitative case study. Students will then acquire both con-
ceptual 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: SS07, SS60
Prerequisites: SSB969
Credit points: 12
Contact hours: 3 per week

■ SSB982 SOCIAL SCIENCE & HEALTH CARE
Provides sociological and anthropological analysis of health
and health care models, services and institutions within Aus-
tralian society. These perspectives provide an understanding
of patterns of morbidity and mortality which are not randomly
distributed but are associated or causally related to social struc-
tural variables such as ethnicity, gender, social class, marriage
and family structure, age or geographical location.
Courses: NS40, NS48, PU40
Credit points: 12
Contact hours: 3 per week

■ SSB985 GENDER & SOCIAL INSTITUTIONS
Applies social and psychological concepts and perspectives
to an examination of gender and family issues in specific fields
and institutions. It provides a conceptual introduction to the
study of gender at this level of social organisation, followed
by an examination of gender and family issues in areas such
as health, child and family services, urban and regional de-
velopment and the field of corrections. The unit then applies these
categorical and substantive insights to issues pertaining to
mel and family research at this level of analysis.
Courses: SS60
Credit points: 12
Contact hours: 3 per week

■ SSB989 HEALTH & THE LIFE CYCLE
An examination of changing patterns of individual wellness,
ilness, and mortality often coinciding with life cycle changes
or rites of passage; the social, cultural, anthropological and
 technological aspects of the pre-birth and post-death phases;
analysis of the cyclical process; compared and contrasted with
a psychological human developmental approach.
Courses: ED26, ED50
Credit points: 12
Contact hours: 3 per week

■ SSB990 THESIS
Students select a research topic and design and conduct a re-
lated research program using appropriate quantitative/qualita-
tive methods of analysis. This unit consists of four parts which
must be completed satisfactorily, leading to the submission of a
research thesis. 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: SS09
Credit points: 12
Contact hours: 3 per week

■ SSB991 ADVANCED RESEARCH METHODS
Provides students with a firm understanding of a range of
multivariate procedures as well as the skills to apply each anal-
ysis appropriately. In addition this unit aims to prepare
students as critical consumers of psychological research.
Courses: SS09
Prerequisites: SSB951 or equivalent
Credit points: 12
Contact hours: 3 per week

■ SSB992 COUNSELLING PSYCHOLOGY
Introduces students to the field of counselling psychology by
focusing on selected major theoretical approaches such as
 cognitive-behavioural, psychodynamic, solution-focused and
narrative therapies. The critical examination of these ap-
proaches is used as the basis for introducing issues of prac-
tice, ethics and research in counselling psychology. Assessment
is by examination and a written assignment.
Courses: SS09, SS20
Prerequisites: SSB008 or equivalent
Credit points: 12
Contact hours: 3 per week

■ SSB993 COGNITIVE NEUROPSYCHOLOGY
This unit aims to provide a broad introduction to the subject
of normal and abnormal neuropsychology, the study of brain-
behaviour relationships. Lecture content will cover three broad
areas: Neuroanatomy: the major neuroanatomical structures
and their interconnections will be studied with an emphasis
on the clinical application of this information in a neuropsy-
chological setting. Higher cognitive functions: The
neuroanatomical basis for higher cognitive functioning will be
examined with particular emphasis on language, visuo-perception, memory and executive functions. Neuropa-
thology: variety of neuopathologies will be examined with
gard to diagnosis, assessment and treatment. These will in-
clude vascular disorders and tumours, dementia and traumatic
brain injury. Finally, the unit will conclude with a review of
the applications of neuropsychology.
Courses: SS09
Prerequisites: SSB933 and SSB934 and SSB941
Credit points: 12
Contact hours: 3 per week

■ SSB994 ADVANCED SOCIAL &
DEVELOPMENTAL PSYCHOLOGY
Examines (1) how individual development and developmen-
tal issues impact on the individual and the individuals role in
the family and wider social environment and (2) how the family and wider social environment affect the development of the individual. On the completion of this unit students will have sound knowledge regarding physical, cognitive and social development; social, economic and cultural factors in development and understand the theory and methodology when investigating developmental – social interactions.

**Courses:** SS09

**Prerequisites:** 3 years of psychology and SSB913 or equivalent.

**Credit points:** 12

**Contact hours:** 3 per week

**SSB995 ADVANCED ORGANISATIONAL PSYCHOLOGY**

Assists participants to explore the role of organisational psychologists as both internal and external consultants who are skilled psychological researchers. It expands on studies in SSB944. Special attention will be given to the interaction between organisation systems, community needs, and human beings in differing cultural, political and economic environments.

**Courses:** SS09

**Prerequisites:** SSB915, SSB944

**Credit points:** 12

**Contact hours:** 3 per week

**SSB997 RESEARCH AND PROFESSIONAL DEVELOPMENT SEMINAR**

Presentation of research findings and associated psychological research issues will be discussed. In addition, the unit will give attention to all aspects of the Code of Professional Conduct, including the provision of psychological services, legal and ethical responsibility, and interaction with other professional and personnel responsible for ongoing training. Assessment will be on a presentation of a written paper covering the above areas.

**Courses:** SS09

**Prerequisites:** SSB991

**Credit points:** 12

**Contact hours:** 3 per week

**SSB998 THESIS 1-3**

Research project, listed as three separate 12 credit point units. To be completed as a group empirical research project.

**Credit points:** 12 each (36 in total)

**SSN000 COUNSELLING STUDIES 1**

Provides a conceptual overview of the history of counselling and the most significant contemporary developments in the field; selected models of brief problem-oriented and solution-focused therapies, and their application across a variety of counselling contexts; the analysis of human problems in lifespan developmental and social contexts, and on the conceptual understanding, practical skills, and critical evaluation of the above therapeutic approaches.

**Courses:** SS12

**Credit points:** 12

**Contact hours:** 3 per week

**SSN001 PROFESSIONAL STUDIES 1**

The development of foundational interpersonal and relationship-building skills which are viewed as relevant to the counselling process regardless of theoretical orientation. Interpersonal skills and insights are developed through an introduction to groupwork, together with micro-skills workshops involving interpersonal process recall. The development of ethical practices in counselling and an ongoing commitment to critical reflection on counselling (for example the ideology of counselling, the status of counselling knowledge, and issues relating to gender, ethnicity and class).

**Courses:** SS12

**Credit points:** 12

**Contact hours:** 3 per week

**SSN002 COUNSELLING STUDIES 2**

The historical development of psychoanalysis; psychodynamics in counselling practice; hypnosis and unconscious phenomena in counselling; scientific credibility of psychoanalytic psychotherapy; assessment of neurosis and psychosis in counselling.

**Courses:** SS12

**Prerequisites:** SSN000

**Credit points:** 12

**Contact hours:** 3 per week

**SSN003 GROUP STUDIES**

The development of skills and experience 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 facilitator interventions; planning, implementing and evaluating ethical group work practices; dealing with defensiveness and hidden agendas; applying brief solutions-focused and other counselling theory to groups; examining the motion of the therapeutic milieu.

**Courses:** SS12

**Prerequisites:** SSN001

**Credit points:** 12

**Contact hours:** 3 per week

**SSN004 COUNSELLING STUDIES 3**

The theory and research relating to family/marital developmental transitions, contemporary changes to family life, and the field of relational or systemic therapies. A selective emphasis is made on models which build on the knowledge and skills developed in SSN001 and SSN002. Thus major emphases will include solution-oriented and psychodynamic approaches to relationship counselling.

**Courses:** SS12

**Prerequisites:** SSN002

**Credit points:** 12

**Contact hours:** 3 per week

**SSN005 RESEARCH METHODS & ISSUES**

Different approaches to, and perspectives on, research used across the disciplines of social science. Philosophical and ethical issues will be related to questions of methodology. The unit consists of formal teaching input from lecturers, together with a seminar component in which students will present preliminary proposals for their independent project for group discussion and feedback.

**Courses:** SS12

**Prerequisites:** SSN002 (for Counselling major only)

**Credit points:** 12

**Contact hours:** 3 per week

**SSN006 PROFESSIONAL STUDIES 2**

Expands the themes of integration and reflection introduced in SSN001. It has two related parts: (1) The experience of group supervision is used as a context for reflection, critical analysis and integration in relation to both specific counselling skills and broader issues of professional practice (for example professional ethics, case management, assessment and referral). (2) Students meet fortnightly and attend seminars on selected topics and issues relating to the theme of critical reflection on counselling practice. This will involve perspectives from outside traditional counselling discourse (for example sociology, history, political theory, gender studies) and will focus on their relevance and implications for counselling practice. The students experience of ongoing casework and the supervisory process will be used to focus critical reflection in these areas.

**Courses:** SS12

**Prerequisites:** SSN001

**Credit points:** 12

**Contact hours:** 3 per week

**SSN007 PROFESSIONAL STUDIES 3**

Continuation of SSN006. Additionally, there is an emphasis on students learning and demonstrating supervision skills. The other major aspect of the subject consists of a graduate seminar in which students will present work based on their research projects.

**Courses:** SS12

**Prerequisites:** SSN005

**Credit points:** 12

**Contact hours:** 3 per week

**SSN008 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. The completed project is to be presented in the form of a dissertation of not more than 15,000 words. The project comprises three 12 credit point units: SSN008/1 which is completed in semester 1, and SSN008/2 and SSN008/3 which are completed in semester 2.

**Courses:** SS12

**Prerequisites:** SSN006

**Credit points:** 12

**Contact hours:** 3 per week
■ SSN009 FAMILY THERAPY PRACTICE
Extends the family therapy concepts and skills provided in SSN004. Greater emphasis is placed on tailoring a family therapy role to the needs of the students individual work context. Where possible, students may also have the opportunity to participate in the actual practice of family therapy sessions in the Schools Family Therapy and Counselling Clinic. Students will either conduct therapy sessions under supervision, or participate as members of consulting teams.
Courses: SS12
Prerequisites: SSN004
Credit points: 12
Contact hours: 3 per week

■ SSN101 INDEPENDENT STUDY
Students may elect to undertake an individual reading or research study in an area of counselling which is of personal or professional interest, and which is not covered in other parts of the course. The project must be approved by the Course Coordinator, and will be supervised by a member of staff, with whom the student will negotiate the precise topic and mode of assessment.
Courses: SS12
Prerequisites: SSN000
Credit points: 12

■ SSN12 COUNSELLING & ORGANISATIONS
Examination of helping organisations as bureaucracies; organisational responses to social change; stress within helping organisations; issues of teamwork among professional helpers; and the negotiation of effective counselling roles within organisations.
Courses: SS12
Prerequisites: SSN000
Credit points: 12
Contact hours: 3 per week

■ SSN13 ADVANCED COUNSELLING STUDIES
Provides for advanced studies in a chosen area of counselling theory and practice. It is designed to either provide a greater depth of study in one of the major theoretical covered in the course (for example brief therapy, psychodynamic therapy, group work, or to allow specialised studies in orientations which are not heavily emphasised in the course. Such areas could include experiential therapies (for example Gestalt, Process-Oriented Psychotherapy, Psychodrama), Art Therapy, Couples Therapy, and so on. The particular focus of this elective in any year would depend upon student interest plus the availability of suitable staff and resources.
Courses: SS12
Prerequisites: SSN004
Credit points: 12
Contact hours: 3 per week

■ SSN26 ADVANCED COUNSELLING PSYCHOLOGY I
This core 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 therapy. 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 focus of this unit is on individual clients who have experienced major traumatic or developmental concerns.
Courses: SS17
Prerequisites: SSB992 or other counselling psychology courses approved by course coordinator
Credit points: 12 Contact Hrs: 3 per week

■ SSN27 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: SS17
Prerequisites: SSB936 or equivalent
Credit points: 12
Contact hours: 3 per week

■ SSN29 ADVANCED COUNSELLING PSYCHOLOGY II
This core unit like SSN26 provides the fundamental theoretical and applied approach of counselling psychology. The emphasis in this unit is upon a couple, family and group focus using a systematic perspective.
Courses: SS17
Prerequisites: SSN26
Credit points: 12
Contact hours: 3 per week

■ SSN31 2/3 RESEARCH THESIS
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.
Courses: SS17
Credit points: 48
Contact hours: 3 per week over 4 semesters

■ SSN33 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 the disorder.
Courses: SS17
Prerequisites: SSN026
Corequisites: SSN029
Credit points: 12
Contact hours: 3 per week

■ SSP02 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: SS14, SS15
Credit points: 12
Contact hours: 3 per week

■ SSP021 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:** SS15, SS16
**Credit points:** 12  **Contact hours:** 3 per week

**SSP022 SKILLS FOR THE CONTRACT REGIME**
Designed to convey key skills in managing contracts from both the purchaser and provider side of the equation. Service delivery systems in the community services industry are in the process of being restructured. The primary dynamic carrying the process is the introduction of contracts between purchasers (government) and providers (non-state agencies). To date, there is little experience in the industry of the management of a contract regime or its implications for service delivery outcomes.

**Courses:** SS15, SS16  
**Credit points:** 12  **Contact hours:** 3 per week

**SSP023 MANAGED CARE & CASE MANAGEMENT**
Develops high level analysis and skills in the emerging context of managed care, specifically, the application of case management to a variety of contexts. 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. Case management is not a uniform mode of service delivery, but a complex series of methods. 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 discrete mode of intervention.

**Courses:** SS15, SS16
**Credit points:** 12  **Contact hours:** 3 per week

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Develops high level analysis and skills in the emerging context of managed care, specifically, the application of case management to a variety of contexts. 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. Case management is not a uniform mode of service delivery, but a complex series of methods. 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 discrete mode of intervention.

**Courses:** SS15, SS16
**Credit points:** 12  **Contact hours:** 3 per week

**SSP024 PRACTICE RELATED RESEARCH 1-2**
Students explore an issue from their practice or the field using research and scholarship.

**Credit points:** 24 each (48 total)

**SSP030 CLINICAL HYPNOSIS: FOUNDATIONS IN THEORY & PRACTICE**
Develops students knowledge concerning the nature of hypnosis and its phenomena, the suitability for hypnosis and the contraindications that may prevent it being incorporated safely into the treatment of particular clinical problems.

**Courses:** SS30, SS32
**Credit points:** 12  **Contact hours:** 3 per week

**SSP031 HYPNOSIS: PROCESSES & TECHNIQUES**
A practical unit which demonstrates induction and deepening techniques, where students obtain supervision in small group practice within the seminar styled teaching environment. Both Traditional and Erickson techniques will be incorporated into the course work. Deep trance phenomena, non-suggestible age regression, ideomotor signalling, post hypnotic amnesia and post hypnotic suggestions are demonstrated. Lectures outline the utilisation of hypnosis: in a medical practice, a dental practice, a psychiatric practice and a psychology practice.

**Courses:** SS30, SS31, SS32
**Credit points:** 12  **Contact hours:** 3 per week

**SSP032 CLINICAL APPLICATIONS OF HYPNOSIS: GENERAL**
Students are instructed how to apply the general techniques and processes to health practice 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:** SS30, SS31, SS32
**Credit points:** 12  **Contact hours:** 3 per week

**SSP033 CLINICAL APPLICATIONS OF HYPNOSIS: DISCIPLINE BASED**
Expands on the groundwork of SSP032 and enables the student to learn and practise special applications of hypnotic techniques and processes for their specialty discipline, whether that be in general medical practice, dentistry, psychiatry, or psychology. In medicine, special attention is paid to the use of hypnosis in invasive or stressful medicine procedures, oncology, obstetrics and gynaecology, skin disorders and burn treatment. In psychiatry and psychology, students learn about applications of hypnosis in bereavement, sexual and physical abuse, desensitization for anxiety and sex therapy. Additionally, autogenic training, sports medicine, pain management, exam preparation and study skills enhancement is addressed.

**Courses:** SS30, SS31, SS32
**Credit points:** 12  **Contact hours:** 3 per week

**SSP034 FOUNDATIONS OF EFFECTIVE CLINICAL RESEARCH IN HYPNOSIS**
Describes the theories and models of hypnosis in the textbooks; demonstrate an understanding of various hypnotic phenomena; and describe ways in which hypnotic test scales can be utilised in research.

**Courses:** SS30, SS31
**Credit points:** 12  **Contact hours:** 3 per week

**SSP036 DISSERTATION: CLINICAL RESEARCH REVIEW 1-3**
SSP306/1: design the plan of the literature review within a specialised area and conduct an initial survey of the literature on an approved topic. SSP306/2: 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. SSP306/3: students complete the review and write the final document under the direction of the supervisor.

**Courses:** SS30, SS31, SS32
**Credit points:** 12  **Contact hours:** 1 per week

**SSP037 CLINICAL CASE SUPERVISION (GROUP & INDIVIDUAL)**
Develops effective and creative applications for the hypnotic techniques within the areas of clinical speciality of the students participating.

**Courses:** SS30, SS31, SS32
**Credit points:** 12  **Contact hours:** 2 per week