



The  
University  
of Sydney

20  
10

# Education and Social Work handbook

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# Acknowledgements



## The Arms of the University

### **Sidere mens eadem mutato**

*Though the constellation may change  
the spirit remains the same*

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[www.usyd.edu.au/handbooks](http://www.usyd.edu.au/handbooks)  
[www.usyd.edu.au/calendar](http://www.usyd.edu.au/calendar)

### **Amendments**

All authorised amendments to this handbook can be found at [www.usyd.edu.au/handbooks/handbooks\\_admin/updates2010](http://www.usyd.edu.au/handbooks/handbooks_admin/updates2010)

### **Disability access**

An accessible version of this handbook (in Microsoft Word) is available at [www.usyd.edu.au/handbooks/handbooks\\_disability](http://www.usyd.edu.au/handbooks/handbooks_disability)

### **Resolutions**

#### *The Coursework Clause*

Resolutions must be read in conjunction with the *University of Sydney (Coursework) Rule 2000 (as amended)*, which sets out the requirements for all undergraduate courses, and the relevant resolutions of the Senate.

#### *The Research Clause*

All postgraduate research courses must be read in conjunction with the relevant rules and resolutions of the Senate and Academic Board, including but not limited to:

1. The *University of Sydney (Amendment Act) Rule 1999 (as amended)*.
2. The *University of Sydney (Doctor of Philosophy (PhD)) Rule 2004*.
3. The resolutions of the Academic Board relating to the Examination Procedure for the Degree of Doctor of Philosophy.
4. The relevant faculty resolutions.

### **Disclaimers**

1. The material in this handbook may contain references to persons who are deceased.
2. The information in this handbook was as accurate as possible at the time of printing. The University reserves the right to make changes to the information in this handbook, including prerequisites for units of study, as appropriate. Students should check with faculties for current, detailed information regarding units of study.

### **Price**

The price of this handbook can be found on the back cover and is in Australian dollars. The price includes GST.

### **Handbook purchases**

You can purchase handbooks at the Student Centre, or online at [www.usyd.edu.au/handbooks](http://www.usyd.edu.au/handbooks)

### **Production**

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### **Handbook enquiries**

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### **Address**

The University of Sydney  
NSW 2006 Australia  
Phone: +61 2 9351 2222  
Website: [www.usyd.edu.au](http://www.usyd.edu.au)

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# Important dates

## University semester and vacation dates for 2010

Summer/Winter School lectures	Dates
Summer School – December program	Begins: Monday 7 December 2009
Summer School – main program	Begins: Monday 4 January 2010
Summer School – late January program	Begins: Monday 18 January
Winter School – main program	Monday 28 June to Friday 24 July
Semester One	Dates
International student orientation (Semester One) – STABEX	Monday 15 February and Tuesday 16 February
International student orientation (Semester One) – full degree	Wednesday 18 February and Thursday 19 February
Lectures begin	Monday 1 March
AVCC Common Week/non-teaching Easter period	Friday 2 April to Friday 9 April
International application deadline (Semester Two) *	Thursday 30 April *
Last day of lectures	Friday 4 June
Study vacation	Monday 7 June to Friday 11 June
Examination period	Tuesday 15 June to Saturday 26 June
Semester ends	Saturday 26 June
AVCC Common Week/non-teaching period	Monday 5 July to Friday 9 July
Semester Two	Dates
International student orientation (Semester Two) – STABEX	Monday 19 July and Tuesday 20 July
International student orientation (Semester Two) – full degree	Wednesday 22 July and Thursday 23 July
Lectures begin	Monday 26 July
AVCC Common Week/non-teaching period	Monday 27 September to Friday 1 October
Last day of lectures	Friday 29 October
International application deadline (for Semester 1, 2011) *	Saturday 30 October *
Study vacation	Monday 1 November to Friday 5 November
Examination period	Monday 8 November to Saturday 20 November
Semester ends	Saturday 20 November

\* Except for the faculties of Dentistry, Medicine and the Master of Pharmacy course. See [www.acer.edu.au](http://www.acer.edu.au) for details.

## Last dates for withdrawal or discontinuation for 2010

Semester One – units of study	Dates
Last day to add a unit	Friday 12 March
Last day for withdrawal	Wednesday 31 March
Last day to discontinue without failure (DNF)	Friday 23 April
Last to discontinue (Discontinued – Fail)	Friday 4 June
Semester Two – units of study	Dates
Last day to add a unit	Friday 6 August
Last day for withdrawal	Monday 31 August
Last day to discontinue without failure (DNF)	Friday 10 September
Last day to discontinue (Discontinued – Fail)	Friday 29 October
Last day to withdraw from a non-standard unit of study	Census date of the unit, which cannot be earlier than 20 per cent of the way through the period of time during which the unit is undertaken.
Public holidays	Dates
Australia Day	Monday 26 January
Good Friday	Friday 2 April
Easter Monday	Monday 5 April
Anzac Day	Monday 26 April
Queen's Birthday	Monday 14 June
Labour Day	Monday 4 October





# How to use this handbook

## What is a handbook?

The handbook is an official publication and an essential guide for every student who studies at the University of Sydney. It is an important source of enrolment information. It can also help you with more than just planning your course of study.

As a student at the University of Sydney you need to be aware of course structures and content, who your lecturers are, as well as examination procedures.

You should also become familiar with University policies and faculty rules and regulations. This handbook supplies a lot of this information.

It will also point you to places and people around the University who can help with enquiries about library loans, child care, fees, casual employment, places to eat and stay, support groups and much more.

## What new students need to know

- terminology used for courses and programs of study
- semester dates and examination periods
- important contact details
- how to plan your study program
- rules and policies on assessment, satisfactory progression, honours, etc
- what University services are available and where to find them
- how to get around campus.

At the beginning of many of these chapters there will be explanations to help you proceed further.

## Where to find information

### Course terminology

University terminology, such as 'credit point', 'unit of study', and 'WAM', can be found in the **Abbreviations** and **Glossary** chapters, at the back of this handbook.

### Dates

The start and finish dates of semester can be found in the front section of the handbook. Summer School and Winter School dates are in the general information section at the back of the handbook.

### Contents and index

The comprehensive **Contents** section at the front of the handbook explains the details you'll find within each chapter.

You'll find information like:

- how and where to contact faculty staff
- how to select your units of study and programs
- a list of degrees
- detailed information on all units of study, classified by unit identifiers (a four-alpha, four-digit code and a title)
- electives and streams
- scholarships and prizes
- information specific to faculties.

The **Index** lists units of study only. It allows you to check every reference which refers to your unit of study within the handbook. It is divided into two parts, and lists units of study alphabetically (by course name) and again by course code (alphanumeric).

## Colour-coded sections

- Ivory – for undergraduate courses
- Blue – for postgraduate courses

## Faculty rules and regulations

Faculty resolutions are the rules and regulations that relate to a specific faculty. They can generally be found in their own chapter, or next to the relevant units of study.

These should be read along with the University's own *Coursework Rule 2000 (as amended)* which is described in the **Essential information for students** chapter near the end of this book. Together they outline the agreement between student and faculty, and student and University.

## General University information

This is information about the University in general, rather than information specific to the faculty. This information is at the back of the book and includes, among other things:

- terminology and abbreviations used at the University
- campus maps to help you find your way around
- Summer School and Winter School information
- information for international students
- student services.

## Course planner

You might like to plot the course of your degree as you read about your units of study. Use the planner at the back of this handbook.

## Timetables

For information about personal timetables, centrally timetabled units of study, and venue bookings, see:  
[www.usyd.edu.au/studentcentre/timetabling.shtml](http://www.usyd.edu.au/studentcentre/timetabling.shtml)

For the session calendar, see:  
<http://web.timetable.usyd.edu.au/calendar.jsp>

## Students with a disability

For accessible (word, pdf and html) versions of this document, see:  
[www.usyd.edu.au/handbooks/handbooks\\_disability](http://www.usyd.edu.au/handbooks/handbooks_disability)

You can find information on Disability Services in the **General University information** section of the handbook. The service can provide information regarding assistance with enrolment and course requirement modifications where appropriate.

For details on registering with the service and online resources, see:  
[www.usyd.edu.au/disability](http://www.usyd.edu.au/disability)

## Handbook updates

The information in this handbook is current at the time of publication. Further information on University policies, such as plagiarism and special consideration, can be found on the University's website, along with official handbook amendments.

[www.usyd.edu.au/handbooks/handbooks\\_admin/updates2010](http://www.usyd.edu.au/handbooks/handbooks_admin/updates2010)

**Feedback regarding this handbook is welcome.**  
[info@publications.usyd.edu.au](mailto:info@publications.usyd.edu.au)





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# Faculty of Education and Social Work handbook

## Message from the Dean



On behalf of the teaching and administrative staff, it is my privilege to welcome you to the Faculty of Education and Social Work.

Education and Social Work both have a strong tradition in the University. The Faculty of Education was established in 1986 and in 2003, joined with Social Work and Social Policy Studies to create our faculty. The professions of Education and Social Work have

much in common, and we are in the process of developing joint programs and initiatives that involve aspects of both professions, allowing us to more effectively address social justice and inequity. Our partnership has been very important in developing concepts of professional education and ways of supporting students as learners and practitioners.

As might be expected, the faculty is blessed with many excellent teachers who model best practice to their students. It also has a research-intensive culture, the output of which is important in policy development and practice in a range of professions, as well as in providing opportunities for students to learn about new issues and developments in their chosen professions.

The faculty is one of its kind, the largest in the country and, at the undergraduate level, offers courses to students wishing to become social workers and teachers at the primary or secondary school levels, or who will specialise in PDHPE (Personal development, health and physical education). In addition to dedicated, single degrees, the faculty also offers a number of combined degree courses with other faculties in the University. A feature of all our courses is a strong partnership with other faculties in the University. In all degree courses,

students have the opportunity to study in areas of their interest in the Faculty of Arts, Science or Economics and Business. Professional experience in schools and field experience in human services agencies are important components of our degrees. The faculty enjoys some of the best facilities in the country and boasts good IT labs, a dance studio, art workshops, music rooms and an exercise physiology lab. The faculty maintains excellent relations with our professions.

Among the features of Education courses is inclusion of units of study which help students learn how to integrate IT into their teaching practices and cater for students with special needs, as well as those who are of Indigenous heritage or who are speakers of languages other than English. In addition to specialist study in teaching subjects, students learn about the latest developments in pedagogy and curriculum studies, as well as relevant aspects of the foundation disciplines of history, philosophy, psychology and sociology. Social Work at the University of Sydney is similarly regarded with the highest esteem because of the quality of education provided and the calibre of the graduates within the profession. The degrees are notable for the integration of studies of social policy with social work. Students are encouraged to take advantage of opportunities to study abroad for a semester during their course and to learn about the professional issues in a variety of cultural contexts.

At the postgraduate level, the faculty offers an innovative Master of Teaching degree to students seeking a professional teaching credential, and has a range of specialist Master of Education and Master of Social Work higher degree courses. In addition, the faculty established a Doctoral School in 2009 to more effectively meet the needs of its large and vibrant group of students undertaking research higher degrees.

Best of all are the faculty's staff and students, who together create an exciting intellectual environment, in which it is very rewarding to participate. We are pleased that you are joining the Faculty of Education and Social Work at the University of Sydney and look forward to welcoming you in the coming months.

**Professor Robyn Ewing**  
*Acting Dean*





# 1. Faculty of Education and Social Work

## A brief history of the faculty

The Faculty of Education was established in 1986, having been until then, a department in the Faculty of Arts. In 1992, the faculty amalgamated with the then Institute of Education, itself part of the Sydney College of Advanced Education. This resulted in a large increase in the number of staff and programs offered by the faculty.

As part of the amalgamation, purpose-built accommodation for the faculty was completed in 1993. This provides state-of-the-art facilities for the training of educators, including a bio-mechanics laboratory, sophisticated computer laboratories, a dance studio, visual arts facilities, a television studio and well-equipped lecture and tutorial rooms.

In 2003, the school of Social Work, originally located within the Faculty of Arts, merged with the Faculty of Education to form the Faculty of Education and Social Work. The merger reflects the close association that these two disciplines share in areas of research and professional practice.

## List of staff

### Administration staff

#### Acting Dean

Professor Robyn Ewing, BEd (Hons) PhD *Sydney*

#### Executive Assistant to the Dean

Robert Keighley

#### Associate Deans

Dr Lindsey Napier (Staffing)

Dr Paul Dufficy (Division of Undergraduate & Preservice Programs)

Dr Richard Walker (Acting) (Division of Postgraduate Coursework & Professional Education)

Associate Professor Janette Bobis (Division of Research)

Professor Michael Jacobson (ICT)

Dr Lesley Harbon (International)

Dr Fran Waugh (Learning & Teaching)

Professor Brian Paltridge (Doctoral Division)

#### Faculty Manager

Shona Smith, BA (Hons) LLB GradDip Museum Studies *Sydney*

#### Manager, Student Administration

Maria McQuilty, BA *Sydney*

#### Manager, Undergraduate and Preservice Division

Robyn Longhurst, BA *Sydney*

#### Undergraduate Adviser

Eva Papas, BA DipEd *UNSW*

#### Publications and Undergraduate Adviser

Tanya Keane, DipComm Illust *QIT*

#### Timetable and Web Assistant

Brad Mercer

#### BTeach/MTeach Adviser

Edwina Hood, BA *UNSW*

#### Manager, Division of Postgraduate Coursework & Professional Education

Maria-Grace Guerreiro, BA DipEd *UNE*

#### Graduate Research Adviser

Venice Jureidini-Briozzo, GradDip(Bus)(Frontline Mgnt) *Sydney*

#### International Adviser

Gilbert Cheng, BEc *NSW*

#### Postgraduate Adviser

Maryke Sutton

#### Manager, Marketing and Development

Craig Van Dartel, BSocSc *Mitchell CAE MA ComMgt UTS*

#### Marketing Projects Officer

TBA

#### Professional Experiences Director

Dr Dianne Bloomfield, BSc (Hons) MEd (Studies) EdD *Sydney*

#### Associate Director Professional Experiences (Primary)

Dr Kathy Rushton, BA(Hons) *Essex BEd(Primary) MA MEd(Research) GradDip AdultEd (TESOL) UTS*

#### Manager, Professional Experiences

Cheryl Brown

#### Coordinator Professional Experiences

Alex Hector

#### Research Manager

Patrick Brownlee, BA(Hons) MA Journalism GradDip TESOL *Sydney*

#### Research Student Liaison Officer

Suin Jung, BA(Psychology and Education) MA(Psychology) *Sydney*

#### Project Manager, Division of Learning and Teaching

TBA

#### Manager, Division of Doctoral Studies

Venice Jureidini-Briozzo (Acting)

#### Scholarships Officer

TBA

#### Co-Directors, CoCo Research Centre

Michael Jacobson, PhD *Sydney*

Peter Goodyear, BSc PhD *Ulster FCIPD*

#### Manager, Informations Systems

Wai Yat Wong, MSc *Sydney*

#### Technical Support Officer

Heman Chan

#### Web Developer

Pius Jeon



### Web Content Coordinator

Be Bonham BSc *Sydney*

### Field Education Officer – Social Work

Andrea Small, BSW *UNSW*

### Manager, Finance

Erin Sreejayan, ACMA *UK*

### Finance officers

Anthea Lo

Syedda Ali

Jinfeng Huang

### Manager, Facilities

John Usman, DipEd Tech *Glasgow* DipMgmt & Lead *TAFE*

### Executive Assistants (Dean's Unit)

Cecilia Rigor-Aguilar, DipLib Tech *Sydney TAFE*

Ann Stravopodis

Deborah Young, Dip Community Welfare & Social Sciences *SIT* BEd

Adult & Community *UTS*

Kimberly Hammond, BA Marketing/Management *University of Oregon*

MEd TESOL *Sydney*

Kaya Zmijewski

### Technical staff

Adriana Scodellaro, Cert ChemTech *Argentina Tech Coll* Lab Cert *TAFE*

### Precinct Supervisor

Jayne Cordner

### Mail Assistant

David Myers

## Academic staff

### Professors

Raewyn Connell, BA *Melb* PhD *Sydney*, FASSA (University Chair)

Robyn Ewing, BEd PhD *Sydney*

Barbara Fawcett, BSc MSc *Oxf* CQSW PhD *Manchester ILT*

Peter Freebody, BA(Hons) DipEd PhD *University of Illinois*

Peter Goodyear, BSc PhD *Ulster* FCIPD

Michael Jacobson, PhD *Sydney*

Gabrielle Meagher, BEc (SocSci)(Hons) PhD *Sydney*

Brian Paltridge, BA *Well* AssDip Community Languages *UWS* GradDip

TESOL *UTS* RSA DipTEFL MA PhD *Waikato*

Geoffrey E Sherington, BA *Syd* MA *UNSW* PhD *McMaster*, FRAHS

(Personal Chair in History of Education)

Anthony Welch, MA PhD HDipTeach DipEd *Sydney*

### Associate Professors

Janette Bobis, BEd MEd(AdminHons) PhD *UNSW*

Angela Brew, MA PhD

David Evans, BEd GradDipSpEd MA PhD *Oregon*

Debra Hayes, BSc DipEd MA PhD *Sydney*

Jude Irwin, BSW *UNSW* MA *Macq* PhD *Sydney*

Jennifer O'Dea, BA DipNutrDiet MPH PhD *Sydney*

Donna O'Connor, BEd(Hons) MEd(Hons) PhD *Sydney*

Murray Print, BA DipEd *WAust* MA *Sydney* PhD *Ohio State*

### Senior lecturers

Tim Allender, BA(Hons) DipEd *Monash* MA(Hons) PhD *Sydney*

Michael Anderson, BA DipEd *Tas* MA(Hons) *Woll* PhD *Sydney*

Judy Anderson, BA *Macq* BSc MEd PhD *ACU*

Nigel Bagnall, PhD *Melbourne* MEd BA BEd Dip SLT Dip Tch *Sydney*

Paul Dufficy, DipEd *SydTeachColl* GDipTESOL SCAE MA(TESOL) *UTS* BA PhD *Sydney*

Robyn Gibson, MEd *Melb* MSc(Human Ecology) *Ohio* PhD *RMIT*

Sue Goodwin, BA(Hons) *ANU* PhD *Sydney*

Lesley Harbon, BA DipEd *Sydney* MEd *UNE* PhD *Tas*

Chun Hu, BA Equivalent BBI MA *Stanford* MEd *Columbia* EdD *Columbia*

Alexandra Hugman, PGCE Diploma in Flexible Learning MSc (Education Management) *Sydney*

Marianne Hulsbosch, PhD *Wollongong*

Lesley Laing, BSW PhD *UNSW*

Kevin Laws, MA *Syd* EdD *Georgia*

Jacqueline Manuel, BA DipEd PhD *UNE*

Lina Markauskaite, MSc *Vilnius* MCM *Strathclyde* PhD *Institute of Mathematics and Informatics*

Lindsey Napier, MA *Aberd* DipSocStud *Edin* DipMH LSE MSW PhD *Sydney*

Agi O'Hara, BA (Hons, Psych) *Sydney*

R Armstrong Osborne, MSc PhD DipEd *Sydney*

Ruth Phillips, BA *UWA* BA(Hons) *Murdoch* PhD *UNSW*

Lesley Scanlon, BA(Hons) *Newcastle(NSW)* DipEd *Sydney* William

Balmain MA *Lond* PhD *UTS*

Alyson Simpson, BA *UNSW* GradDipEd GradDip LibSc *UTS* GradDip

Chil Lit *UTS* MEd PhD *UWS*

Anthony Sperring, MScSoc *UNSW* BA BSc DipEd *Sydney*, MRACI

Angela Thomas, BEd MEd *Tas* PhD *CDU*

Richard Walker, BA DipEd *Newcastle(NSW)* MEd PhD *Sydney*

Fran Waugh, BSW *UNSW* PhD *Syd*

Jenni Way, BEd *Nepean* CAE MEd *UNSW* PhD *UWS*

Rachel Wilson, BSc *ANU* Grad Dip Aud *Melb* PGCE MSC Dphil *Oxf*

### Lecturers

Jean Ashton, BA (Hons) *Sydney* PhD *University of Western Sydney*

Kellie Burns, BSc *St. Francis Xavier University, Canada* MPhil *Trinity College Dublin* PhD *Otago*

Nikki Brunner, PhD *Syd*

Johnathan Callow, BA DipEd MEd EdD *Sydney*

Susan Colmar, BA MA(Hons) DipEdPsych *Auckland* PhD *Macq*

Wayne Cotton, BEd (Physical and Health Education) MEd (Physical and Health Education), Master of Computer Studies *Sydney*

Janet Dutton, BA DipEd MA GradDip Ed *Sydney*

Carmel Fahey, BA DipEd *Macq* MA *Macq* MEd *Sydney*

Kelly Freebody, BA(Hons) DipEd PhD *Ill*

Wilma Fyfe, DipTeach *UNE* BEd *UNE* PG Diploma in Research Methods *Macq*

Roslyn Giles, BSW MSW MAASW *Sydney*

Paul Ginns, BA(Hons) MPsych(Applied) GradCertEducStudies(Higher Education) PhD *Sydney*

Steve Georgakis, BEd(Hons) PhD *Sydney*

Nigel Goodwin, BSc(IndArts) DipEd MSc(Architecture) MEd *Sydney*

Jowen Hillyer, BA Communications *UWS* Bachelor of Teaching *UWS*

David Hirsch, BA DipTESL MA PhD *Wellington*

Cathy Little, BEd (Infants/Prim) BTeach *Macq* MA(EarlyChildhood) *Wollongong* MEd (SpecialEducation) *Sydney*

Denise Lynch, BSW *UNSW* MCRim *Sydney*

George Odhiambo, BEd *Stir* DipEd MEd *Oxf* PhD *UNE*

Aek Phakiti, BA (English) *Chiang Mai* MA (Applied Linguistics) *University of Melbourne* PhD (Applied Linguistics) *Melbourne*

Louisa Peralta, BEd (PDHPE) First Class Hons *Wollongong* MEd *University of Canberra*

Rosalie Pockett, BSW PhD *UNSW* MAASW Acc *Sydney*

Helen Proctor, BA (Hons) *Sydney* GradDipEd *UNE* GradDip (Educational Studies) PhD *Sydney*

Margot Rawsthorne, BA *Macq* PhD *Sydney*

Kathleen Rushton, BA(Hons) *Essex* BEd(Primary) MA MEd(Research) GradDip AdultEd (TESOL) *UTS*

Kate Russell, PhD *Coventry University* C Psychol *BPS* BASES Accredited MINT Trainer

Andrea Small, BSW *UWS*

Catherine Smyth, BA DipEd *Macquarie University*

Ilektra Spandagou, BEd *Athens* MEd PhD *Sheffield*

Ian Stevens, MAppSc *UNSW* BScAgr DipEd *Sydney*

Marie Stevenson, BA *UNSW* RSA DipTEFLA MA PhD *Amsterdam*

Louise Sutherland, BSc MEd PhD *Sydney*



Lindy Woodrow, Dip(Teaching) UK Cert(Applied Linguistics & Teaching of English) MA(Applied Linguistics) PhD

### Lecturers (part-time)

Dorothy Bottrell, BA *La Trobe* MA EdD *Sydney*  
 Eveline Chan, BEd (Hons) *Sydney* PhD GradDipTeach TESL SACAE  
 Pauline Cookson  
 Judith Day  
 Janet Dutton, BA DipEd MA GradDipEd *Sydney*  
 Louise Fitzgerald  
 Jill Forster, BA(Hons) DipEd PhD *Sydney*  
 Linda Graham, BA *Macq* MEd *Macq* Phd *QUT*  
 Deborah Hart, BA BSocStud MSW *Sydney*  
 Kate Keeley, BA LLB DipEd *Sydney*  
 Alyson O'Grady  
 Christine Preston, BSc DipEd MA (Educ) *Sydney*  
 Robyn Smith

### International Senior Research Fellow

Associate Professor Andrew Martin, BA(HonsPsych)  
 MEd(HonsEdPsych) PhD *Syd*

## Divisions

### Division of Undergraduate and Preservice Programs

Phone: +61 2 9351 6211  
 Fax: +61 2 9351 4580  
 Email: p.dufficy@edfac.usyd.edu.au  
 Head of Division: Dr Paul Dufficy

### Division of Postgraduate Coursework & Professional Education

Phone: +61 2 9351 6274  
 Fax: +61 2 9351 2606  
 Email: r.walker@edfac.usyd.edu.au  
 Head of Division (Acting): Dr Richard Walker

### Division of Doctoral Studies

Phone: +61 2 9351 3160  
 Fax: +61 2 9351 2606  
 Email: b.paltridge@edfac.usyd.edu.au  
 Head of Division: Professor Brian Paltridge

### Division of Professional Learning

Phone: +61 2 9036 7136  
 Fax: +61 2 9036 9383  
 Email: ac.armstrong@edfac.usyd.edu.au  
 Head of Division: Dr Ann Cheryl Armstrong

### Division of Research

Phone: +61 2 9351 4536  
 Fax: +61 2 9351 4580  
 Email: j.bobis@edfac.usyd.edu.au  
 Head of Division: Associate Professor Janette Bobis

### Division of International Relations

Phone: 9351 2022  
 Fax: +61 2 9351 2606  
 Email: l.harbon@edfac.usyd.edu.au  
 Head of Division: Dr Lesley Harbon

## Course coordinators – Bachelor of Education

### BEd Early Childhood

Dr Jean Ashton  
 Phone: +61 2 9351 6319  
 Fax: +61 2 9351 4235  
 Email: j.ashton@edfac.usyd.edu.au

### BEd(Primary)

Dr Alyson Simpson  
 Phone: +61 2 9351 6344  
 Fax: +61 2 9351 2606  
 Email: a.simpson@edfac.usyd.edu.au

### BEd(Sec: Humanities)/BA, BEd(Sec: Science)/BSc, BEd(Sec: Mathematics)/BSc

Dr Tim Allender  
 Phone: +61 2 9351 6334  
 Fax: +61 2 9351 4580  
 Email: t.allender@edfac.usyd.edu.au

### BEd(Sec: Human Movement & Health Education)

Dr Kate Russell  
 Phone: +61 2 9351 7056  
 Fax: +61 2 9351 2606  
 Email: k.russell@edfac.usyd.edu.au

## Course coordinators – Bachelor of Social Work

### Bachelor of Social Work

Dr Rosalie Pockett  
 Phone: +61 2 9036 5371  
 Fax: +61 2 9351 3783  
 Email: r.pockett@edfac.usyd.edu.au

## Centres of the faculty

### CoCo Centre for Research on Computer-supported Learning and Cognition

*CoCo Co-Directors*  
 Professor Peter Goodyear  
 Professor Michael J Jacobson

The aim of the CoCo Research Centre is to conduct research into how innovative knowledge technologies and digital media may be designed to create formal and informal learning environments that support pedagogical approaches to advance learning 21st century knowledge and skills.

The CoCo Research Centre's objectives include:

- Conduct research into innovation with technology-enabled learning environments and pedagogical approaches.
- Investigate epistemic, ontological, social-cultural dimensions of knowing that shape learning and teaching.
- Foster research networks within the Faculty and the university, and with schools, state and national education agencies, industry, and other national and international research centres.
- Support a convivial, productive, and well-resourced environment for leading-edge research.
- Attract national and international researchers to the University and support research into innovative knowledge technologies and digital media in programs of postgraduate study.

### China Education Centre

*Director*  
 TBA

The China Education Centre facilitates the development of educational, cultural and professional links between Australia and China. It was established following the visit to China of a group of comparative educators from the University of Sydney in 1972.

The Centre encourages the interchange of scientific materials, publications and information which promotes better understanding of Australia-China relations. Working collaboratively with the University of Sydney Confucius Institute, the Centre organises activities which are based in research, teaching and community service.

## Prizes and scholarships

This handbook contains simplified details of some of the prizes and scholarships offered by the University. The scholarships and prizes may be scheduled as follows:

**Prizes awarded automatically on results:** Successful students are notified of these by the Student Centre.

**Prizes awarded on application:** Closing dates for these may be obtained from the Scholarships Office.

**Prize compositions:** Details of these may be obtained from the Scholarships Office with whom applications generally close in the first week of second semester.

**Bursaries:** Bursaries are awarded on the combined grounds of financial need and academic merit and application may be made at any time to the Financial Assistance Office (open Monday to Thursday from 9.30am to 2.30pm).

**Grants-in-aid:** These are offered by application (closing date: 31 May each year) to postgraduate students seeking assistance with travel or maintenance.

**Postgraduate scholarships tenable at the University of Sydney:** Prospective postgraduate students should consult the Scholarships Office in August/September each year about Australian Postgraduate Research Awards and Course Awards (closing date: 31 October).

**Postgraduate travelling scholarships:** Each year the University offers five or six travelling scholarships with a closing date in November. Generally, applicants need to have a first-class honours degree approaching medal standard to be successful.

Applications for the major travelling scholarships offered by external bodies generally close in August or September.

Information on postgraduate scholarships can be obtained through the University website: [www.usyd.edu.au/scholarships](http://www.usyd.edu.au/scholarships).

## Scholarships and prizes

Title	Value	Qualification
<i>Undergraduate</i>		
GS Caird Scholarships	\$2,500	Proficiency in the second year Bachelor of Education course
	\$2,500	Proficiency in the third year Bachelor of Education course
Headfordt School Prize	\$350 or such sum as determined by Faculty	Proficiency in the course Education III
Colin Gladstone Harrison Family Scholarship	\$1000	The award is to support an Honours student in their final year of either the Bachelor of Education (Primary) or the Master of Teaching (Primary stream) programs whose research is in the area of Primary Curriculum Development
Newcomb Hodge Essay Prize (not restricted to students enrolled in courses administered by the Faculty of Education)	\$360	Outstanding essay in courses Education II or Education III.
The Social Work Pioneers Prize	\$1000	For the student with the highest aggregate marks in the third year of the Bachelor of Social Work degree
John Cassim Creative Arts Award: Music	\$650	Awarded to an Education student who excels in music pedagogy
Helen Sham-Ho Prize	\$600	Awarded to a final year student enrolled in the Bachelor of Social Work or the BA/BSW with the highest aggregate mark for classroom performance together with an excellent performance in field education.
Tuh Fuh and Ruby Lee Prize	\$300	Awarded to the student who attains the highest grade for an undergraduate/pre-service final year unit of study related to research.
Marie Wilkinson Prize	\$250	Awarded to a student enrolled in the final two years of the Bachelor of Social Work course who has produced an excellent essay about children's welfare or children's rights.
Marion Macaulay Bequest Scholarships (open to Arts, and Education and Social Work students)	\$5,000	A number of awards will be made each year. The award is to support an Arts or Education student (undergraduate or postgraduate) whose studies are in the area of humanities, would be enhanced by overseas experience. Preference given to students in third, fourth or fifth year of the BA or BEd programs (including combined programs), or to either year of the BTeach/MTeach degree, and postgraduate coursework students. Awards are only available for approved exchange units of study at an overseas institution or pre-approved internships or professional experience to be credited towards the degree.
Shore Scholarship	\$10,000 2 awards	The Shore Scholarship is valued at \$10,000 per annum and will be awarded to a student of exceptional academic merit, who will contribute to the curricular life of Shore School and also co-curricular areas such as drama, debating, sport, music, and games etc.
Sydney Grammar School Teacher Education Scholarship	\$10,000 3 awards	Three scholarships will be made available, one of these will be dedicated to a Primary Master of Teaching student and each are valued at \$10,000. They will be awarded to a student of exceptional academic merit. The successful applicant(s) would be expected to be present in the school on occasions and will receive guidance of a mentor teacher. Students may undertake professional experience at the school where possible.

## Student facilities and societies

### Libraries

The University of Sydney Library is a network of 12 libraries located on eight campuses. The Library website ([www.library.usyd.edu.au](http://www.library.usyd.edu.au)) provides access to services and resources, anywhere at anytime. The locations, opening hours and subject specialties of the libraries are listed on the website.

Fisher Library Research and Short Loan collections support teaching and research in the Faculty of Education and Social Work. The curriculum resources collection contains K-12 curriculum resources which support pre-service Education programs in the faculty.

Over five million items are available via the Library catalogue, including more than 70,000 electronic journals and 320,000 electronic books. Past exam papers are also available online. Enrolled students are entitled to borrow from any of the University Libraries. More information is available at: [www.library.usyd.edu.au/borrowing](http://www.library.usyd.edu.au/borrowing).

Reading list items are available via the reserve service, and increasingly in electronic form. See the reserve service website: [opac.library.usyd.edu.au/screens/reserve.html](http://opac.library.usyd.edu.au/screens/reserve.html).

Library staff are always available to support students in their studies via 'Ask a Librarian': [www.library.usyd.edu.au/contacts](http://www.library.usyd.edu.au/contacts). Staff may be contacted by email or in person.

A specialist librarian is available for all discipline areas and will provide training in finding high quality information. Courses cover a range of skills including research methodology, database searching, effective use of the Internet and the use of reference management software.

See the subject contact page:  
[www.library.usyd.edu.au/contacts/subjectcontacts.html](http://www.library.usyd.edu.au/contacts/subjectcontacts.html)

Library facilities include individual and group study spaces, computers, printers, multimedia equipment, photocopiers and adaptive technologies. Check the 'Libraries' link ([www.library.usyd.edu.au](http://www.library.usyd.edu.au)) on the home page to find out about services and facilities in specific libraries.

The Client Service Charter describes the Library's commitment to supporting students' learning, including those with special needs. See the website: [www.library.usyd.edu.au/about/policies/clientcharter.html](http://www.library.usyd.edu.au/about/policies/clientcharter.html)

Your comments and suggestions are always welcome.

University of Sydney Library  
Building F03  
The University of Sydney  
NSW 2006 Australia  
Phone: +61 2 9351 2993 (general enquiries)  
Fax: +61 2 9351 4328 (information services)

### Education and Social Work Society (EDSOC)

First established in 1907, the Education and Social Work Society (EDSOC) is one of the oldest student societies at the University of Sydney.

The Education Society was started at the Sydney Teachers' College by Alexander Mackie, the first principal of the College and the founding Professor of Education at the University of Sydney.

The Education Society remained an active body in the early 1990s when the Teachers' College and the university's newly formed Faculty of Education were merged following the Dawkins Reforms to Higher Education. The society was renamed the Education and Social Work Society when Social Work joined the faculty in 2003, representing both student teachers and social workers at the University of Sydney.

The society operates on the same principles upon which it was founded over 100 years ago – 'to develop a collegial spirit based on sound scholarship, good fellowship, loyalty, and keenness in sport'.

In 2010, EDSOC continues to develop and encourage social, academic and professional cooperation amongst the students at the Faculty of Education and Social Work in the University of Sydney.

EDSOC provides the following services for students in the faculty:

- The promotion of a common meeting ground for teachers, graduates, and undergraduates in the Faculty of Education and Social Work.
- Furthering the interests of members and to represent their views, particularly in matters related to their education.
- Representation on various academic boards and committees, including the Faculty Board and the Academic Forum.
- Liaising with the University of Sydney Union (USU) and the Students' Representative Council (SRC) on issues that affect education and social work students in the university.
- Social events such as an End Of Year Ball, Harbour Cruises, Drinks Nights and Afternoons.
- Regular barbecues on the Education Lawn.
- Interfaculty sport.
- Publications, including an annual journal, *Drylight*.

The Dean recommends students become active in the society and support its activities. All students undertaking a degree offered by the Faculty of Education and Social Work are already EDSOC members.

Education and Social Work Society  
Room 406, Education Building (A35)  
The University of Sydney  
NSW 2006 Australia  
Email: [edsocfaculty@gmail.com](mailto:edsocfaculty@gmail.com)  
Phone: +61 2 9351 6350



## 2. Introduction to Education undergraduate study

### Bachelor of Education (Early Childhood)

#### Course coordinator

Dr Jean Ashton  
 Phone: +61 2 9351 6319  
 Fax: +61 2 9351 4235  
 Email: j.ashton@edfac.usyd.edu.au

The Bachelor of Education (Early Childhood) is a four-year, full-time professional degree course preparing students to work in a variety of early childhood contexts with children aged between birth and five years of age. Students undertake generalist units in education and professional studies as well as units of study specifically designed to facilitate students' understanding of the growth and development of babies and young children in the years prior to school. Specialised units will focus on nurturing young children's learning, working in partnership with families, early childhood curriculum, management of a range of early childhood services and on the professional and mandatory requirements of educators in the early childhood field.

The Bachelor of Education (Early Childhood) prepares students to support babies' and young children's foundational learning in areas such as Language and Literacy, Mathematics, Science and Creative Arts as well as developing their understanding of Diversity and Difference including Indigenous Education, and Children with Additional Needs. Professional Experience (practice teaching) is integral to the program and commences in first year. Students will be introduced to observing young children, curriculum planning and teaching individuals and small groups in a range of settings for babies and young children which may include Occasional Care, Toy Libraries, Museums, Family Day Care, Long Day Care and Preschools. Several units of study undertaken outside the faculty give students the opportunity to engage in subject areas of interest at a tertiary level.

The Bachelor of Education (Early Childhood) (Birth – Five Years) produces graduates who have:

- an evolving personal philosophy of early childhood education, based on an understanding of contemporary society, children's development, early childhood policy and procedures, mandatory requirements, the variety of teaching opportunities in the early childhood field, and the purposes and functions of providing quality educational opportunities for babies and young children in the years prior to formal schooling
- knowledge, attitudes and attributes required for the effective performance of the complex tasks and responsibilities of professional early childhood educators
- a capacity to construct, implement and evaluate a context specific early childhood curricula with educational experiences appropriate to young children and their families
- an ability to develop partnerships with families to support the development and education of their babies and young children
- the maturity and humanity necessary for a professional educator in the early childhood field
- an ability to maintain, reflect upon, and evaluate their own professional development
- the ability to critically analyse new political, professional and policy developments.

The degree is awarded at pass or honours level

### Bachelor of Education (Primary Education)

#### Course coordinator

Dr Alyson Simpson  
 Phone: +61 2 9351 6344  
 Fax: +61 2 9351 2606  
 Email: a.simpson@edfac.usyd.edu.au

The Bachelor of Education is a four-year, full-time professional degree course preparing students to work in primary schools and other contexts with children in Years K-6 (aged 5-12 years). Students undertake generalist units in education and professional studies as well as units of study in the sciences, social sciences and humanities offered by the Faculty of Arts, the Faculty of Science and the Faculty of Economics and Business.

The Bachelor of Education (Primary Education) covers all the Key Learning Areas (primary subject areas) with special attention to the mandatory areas of Indigenous Education, Teaching English to Speakers of Other Languages (TESOL) and Special Education. Similarly, professional experience (practice teaching) is integral to the program and commences in first year. Students will be introduced to teaching through small group teaching in schools and in out of school facilities that care for children. Students will also complete practical and theoretical studies relating to children with special needs and children from a wide variety of cultural and linguistic backgrounds.

In fourth year students can specialise in one of a number of year-long elective units such as Creative Arts, Special Education, TESOL and Aboriginal Education. Completion of one of these Special Options is equivalent to a major study (third year or 300 level) and equips a student with an additional teaching specialisation.

Foundation education studies examine education as a social science and explore issues of policy and social theory. Professional studies provide specialist expertise in areas of primary curriculum. Units of study undertaken outside the faculty give students the opportunity to engage in subject areas of interest at a tertiary level. In the first year, students also undertake a science foundations unit, which provides grounding in the four major science areas (physics, chemistry, biology and geology).

The Bachelor of Education (Primary Education) produces graduates who have:

- a broad general personal education with in-depth knowledge in at least one area
- an evolving personal theory of education, based on an understanding of contemporary society, children's development, the variety of teaching roles, and the purposes and functions of schooling
- knowledge, attitudes and attributes required for the effective performance of the complex tasks and responsibilities of primary school teachers
- a capacity to construct, implement and evaluate appropriate programs of learning experiences for primary school children
- the maturity and humanity necessary for professional teaching
- an ability to maintain, enquire into, and evaluate their own professional development
- the ability to critically analyse new professional and policy developments.

#### Note

If you intend to seek employment with the New South Wales Department of Education and Training, you must have completed 2 units of Mathematics and 2 units of English at the HSC (or equivalent).



Bridging courses in Mathematics may be available, the cost for which will be met by the student.

The schedule of studies for the four years of the degree follows:

### Year I

- Two 100-level one-semester units of study in Education.
- Science Foundations 1 and 2.
- Two Junior (level 100) units of study chosen from those offered by the Faculties of Arts, Science, or Economics and Business.
- Professional Studies in Creative Arts (Visual Arts, Music, Drama and Dance) and Introduction to Teaching and Learning Literacy including 8 days observation in a school context (some limited teaching).

### Year II

- Two 200-level one-semester units of study in Education.
- Two Senior (level 200) units of study offered by the Faculties of Arts, Science, or Economics and Business.
- Professional Studies, comprising separate semester units of study in English, Mathematics, Indigenous Education, Personal Development and Health/Physical Education, and Teaching and Curriculum, including Professional Experience (15 days).

### Year III

- Two 300-level one-semester units of study in Education (The unit of study "Positive Approaches to Special Education" is compulsory if you are seeking employment with the Department of Education and Training).
- Professional Studies, comprising separate semester courses in English, Mathematics, HSIE, Creative Arts, Personal Development and Health/Physical Education, Science and Technology, Teaching English to Speakers of Other Languages (TESOL), and Teaching and Curriculum including Professional Experience (15 days).

### Year IV

- Two units of study in Education: one compulsory, Reading and Designing Research and one elective; or
- If eligible to enrol in honours, students enrol in Research Honours A and Research Honours B and complete a dissertation of 10,000 words or its equivalent.
- Professional Studies, comprising of separate semester units in Language, Mathematics, Teaching Children with Special Needs, Personal Development and Health/Physical Education, Science and Technology, Human Society and its Environment and a continuation of the Professional Experience (15 days + 30 days Internship placement).
- Two Special Units offered by the faculty. Some of these currently being offered are: Teaching English to Speakers of Other Languages (TESOL), Creative Arts, IT in the Primary classroom, Special Education, Gifted and Talented Education and Aboriginal Studies.

*The degree is awarded at pass or honours level*

## Bachelor of Education (Secondary) (Human Movement and Health Education)

### Course Coordinator

Dr Kate Russell  
Phone: +61 2 9351 7056  
Fax: +61 2 9351 2606  
Email: k.russell@edfac.usyd.edu.au

The Bachelor of Education (Human Movement and Health Education) is a four-year full-time degree course preparing students to work in the Personal Development, Health and Physical Education key learning area, primarily within secondary school contexts although some training to teach at primary school level is also included. Whilst the focus is on teacher education, this degree also forms a basis for students who want to work in settings related to community health, recreation, sport, and community fitness.

In the first year of your degree course, units in the sciences, social sciences and humanities are selected from a wide range offered by the faculties of Arts, Science, and Economics and Business. In your first year, you will choose two units from these as well as units in generalist education, which examine education as a social science and look at issues in policy and social theory. In the first year, you are also required to take one Science unit, Sports Mechanics and four units of professional studies in human movement and health education.

In second year you will continue with two units of study in generalist education and six units of professional studies in human movement and health education. Professional studies from year 2 will include teaching and learning curriculum development and school experience.

In third year you will continue with two units of generalist education and six units of professional studies in human movement and health education. In year four all units of study will be taken from professional studies in human movement and health education. You will undertake an Honours or non Honours route.

Students in Year 1 engage in 15 days of School Experiences in Primary Schools at the end of Semester One.

Students in Years 2 and 3 undertake 25 days of School Experiences in Secondary Schools at the end of Semester Two.

Students in Year 4 undertake an Internship of 30 days in a secondary school.

The Human Movement and Health Education Program prepares graduates who have:

- core knowledge essential to be educators in health education and physical education in school and community settings;
- technical background which includes ICT skills information relevant to the subject areas of health education, physical education, movement science, anatomy and physiology, and physical activity;
- knowledge of the historical/philosophical/socio-cultural impact on health status, behaviour, research, personal performance competencies, personal health, administration, role modelling, medical/safety/legal implications, marketing techniques, the selection of physical activities;
- interpersonal skills in the teaching of physical education drawing from the areas of games, dance, aquatics, gymnastics, track and field, outdoor and leisure pursuits;
- interpersonal skills in the teaching of health education drawing from the areas of growth and development, healthy lifestyles, drug education, sexuality education, nutrition, safe living;
- learned to utilise the applied science/social science theoretical background in the practice of health education and physical education;
- accepted their position as a role model of health-enhancing behaviour;
- the intention of pursuing professional liaison through colloquia, seminars, and professional associations.

The schedule of studies for the four years of the degree follows:

**Please note: This is a new programme which will be phased in from 2009**

### Year I

- Education, teachers and teaching
- Human development and education
- 2 six credit point Junior/First Year units of study chosen from the Faculty of Arts, (eg History, English, Anthropology, Religious Studies, French, Arabic, Japanese, Philosophy), or the Faculty of Economics and Business, or the Faculty of Science

### Professional Studies in HMHE

- Sports mechanics
- Professional practice in PDHPE 1
- Identifying health determinants
- Pedagogy for physical education 1

**Year II**

- Educational psychology
- Social perspectives on education

**Professional Studies in HMHE**

- Professional practice in PDHPE II
- Health of young people I
- Indigenous perspectives in PDHPE
- Outdoor education
- Pedagogy for physical education II
- Applied anatomy & physiology

**Year III**

- Positive approaches to special education
- Sports, leisure and youth

**Professional Studies in HMHE**

- Professional practice in PDHPE III
- Health theories and models in action
- Pedagogy for physical education III
- Pedagogy for physical education IV
- Health of Young People II
- Training for performance

**Year IV**

- Reading and designing research  
OR  
Research Honours A
- Research Honours B

**Professional Studies in HMHE**

- Professional practice in PDHPE IV
- Community health issues
- Pedagogy for physical Education V
- Sports medicine
- Internship

AND either

One HMHE elective (Honours route)

OR

One Human Movement elective (non Honours route) and

One EDUF elective

By the end of Year 3 you are expected to have completed a WorkCover approved First Aid Certificate. This is a prerequisite for EDUH4050 Sports Medicine.

*The degree is awarded at pass or honours level.*

## Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts

**Course Coordinator**

Dr Tim Allender

Phone: +61 2 9351 6334

Fax: +61 2 9351 4580

Email: t.allender@edfac.usyd.edu.au

This degree prepares students to teach in the following curriculum areas in secondary schools:

- English
- Drama
- History
- Languages (may be taken as a double method)
- Visual Arts
- Classical Hebrew and Judaism
- Teaching English to Speakers of Other Languages (TESOL)
- Geography\*
- Economics\*

- Mathematics\*

In Years 1 and 2 students engage in a broad tertiary education, which includes subjects in the Faculties of Arts and Education and Social Work. In the third year of the degree students begin the full professional program in teaching and curriculum. The professional program involves the study of teaching and learning as well as methods of teaching the school curriculum.

The two degrees are completed in five years.

The schedule of studies for the five years of the degree is as follows:

**Year I**

- Two 100-level one-semester units of study in Education (12 credit points); and
- Six Junior (100-level) units of study chosen from those offered by the Faculty of Arts (four units must be teaching subjects, two of these must be selected from Table A, Faculty of Arts units) (36 credit points).

**Year II**

- Three senior level units of study in Education (18 credit points); and
- Teaching and Learning units of study (6 credit points); and
- Four Senior (200-level) units of study chosen from those offered by the Faculty of Arts (continuation of teaching subjects) (24 credit points).

**Year III**

- One 300 level Education unit of study (6 credit points); and
- Teaching and Learning unit of study (4 credit points); and
- Professional Experience unit of study (2 credit points); and
- Curriculum units of study (24 credit points); and
- Two Senior one-semester units of study from those offered by Table A, Faculty of Arts towards major area of study (12 credit points).

**Year IV**

- Two units of study in Education: one compulsory, Reading and Designing Research (6 credit points) and one elective (6 credit points); or
- If eligible to enrol in honours, students enrol in Research Honours A (6 credit points) and Research Honours B (6 credit points) and complete a dissertation of 10,000 words or its equivalent.
- Curriculum units of study (12 credit points); and
- Teaching and Learning units of study (10 credit points); and
- Professional Experience unit of study (2 credit points); and
- Two Senior one-semester units of study from those offered by Table A, Faculty of Arts towards major area of study (12 credit points).

**Year V**

- Curriculum and Professional Studies in Education (24 credit points); and
- Four Senior units of study from the Faculty of Arts to complete requirements for the Bachelor of Arts, (24 credit points).

*\* Students may major in these subjects but must have a Table A Arts major also in order to graduate with a BA.*

*The degree is awarded at pass or honours level.*

## Bachelor of Education (Secondary: Science) and Bachelor of Science

**Course Coordinator**

Dr Tim Allender

Phone: +61 2 9351 6334

Fax: +61 2 9351 4580

Email: t.allender@edfac.usyd.edu.au

### *Science Curriculum Coordinator*

Mr Tony Sperring

Phone: +61 2 9351 2608

Email: a.sperring@edfac.usyd.edu.au

This degree prepares students to teach in the following areas in secondary school:

- Science
- Science/Mathematics
- Science/Geography

Students must complete a major in one teaching science area – i.e. Biology, Chemistry, Geology or Physics (or a corresponding major such as Biochemistry, Geophysics, Marine Science, Microbiology, Pharmacology or Physiology) and at least one year of study in a second science (from the four broad science areas). At least one year (12 credit points) of either Chemistry or Physics must be included in the science studies.

Science can be taken as either a double or a single teaching method. As a single teaching method it can be coupled with Geography or Mathematics. In Years 1 and 2 students engage in a broad tertiary education, which includes subjects in the Faculty of Science and the Faculty of Education and Social Work.

In the third year of the degree students begin the full professional program in teaching and curriculum. The professional program involves the study of teaching and learning as well as methods of teaching the school curriculum.

The two degrees are completed in five years.

The program is strongly supported by laboratory work, the use of ICT and school-based experiences, designed to produce highly qualified and sought after graduates.

The schedule of studies for the five years of the degree is as follows:

#### *Year I*

- Two 100-level one-semester units of study in Education (12 credit points); and
- Junior science discipline areas of mathematics and statistics (12 credit points); and
- Junior units of study in science subject areas (from the disciplines of biology, chemistry, geosciences and physics) including at least 12 junior credit points from each of two science subject areas, other than mathematics or statistics (24 credit points).

#### *Year II*

- Three senior level units of study in Education (18 credit points); and
- Teaching and learning units of study (6 credit points); and
- Four 200-level one-semester units of study from science teaching subject areas (24 credit points) (continuation of teaching subjects).

#### *Year III*

- One 300 level Education unit of study (6 credit points); and
- Teaching and Learning unit of study (4 credit points); and
- Professional Experiences unit of study (2 credit points); and
- Curriculum units of study (24 credit points); and
- Two 300-level one-semester units of study from those offered by the Faculty of Science towards major teaching area of study (12 credit points)

#### *Year IV*

- Two units of study in Education: one compulsory, Reading and Designing Research (6 credit points) and one elective (6 credit points); or
- If eligible to enrol in honours, students enrol in Research Honours A (6 credit points) and Research Honours B (6 credit points) and complete a dissertation of 10,000 words or its equivalent.
- Curriculum units of study (12 credit points); and
- Professional Experiences unit of study (2 credit points); and
- Teaching and Learning units of study (10 credit points); and

- Two 300-level one-semester units of study from those offered by the Faculty of Science towards major area of study (12 credit points).

#### *Year V*

- Curriculum and Professional Studies in Education (24 credit points); and
- 200-level or 300-level units of study to complete requirements for a Science major and for the Bachelor of Science (24 credit points).

*The degree is awarded at pass or honours level.*

## **Bachelor of Education (Secondary: Mathematics) and Bachelor of Science**

### *Course Coordinator*

Dr Tim Allender

Phone: +61 2 9351 6334

Fax: +61 2 9351 4580

Email: t.allender@edfac.usyd.edu.au

### *Mathematics Curriculum Coordinator*

Dr Judy Anderson

Phone: +61 2 9351 6264

Fax: +61 2 9351 2606

Email: j.anderson@edfac.usyd.edu.au

This degree prepares students to teach in the following areas in secondary schools:

- Mathematics
- Mathematics/Science

Students must take mathematics as a major subject. However, students can choose to take mathematics as a double or single teaching subject. As a single teaching subject it can be coupled with a wide range of Science subject areas (to include at least two full years in one teaching science and a full year in a second teaching science).

In the first two years students take Education as a compulsory subject, together with Mathematics. Students may choose to take Statistics with the Mathematics units. The professional program involves the study of teaching and learning as well as methods of teaching the school curriculum.

The two degrees are completed in five years.

The program is strongly supported by the use of technology specifically to support the teaching of mathematics (and any other method selected). Students will be fully equipped to use computer technology and graphics calculators in the classroom. Extensive use is made of the Internet and close collaboration with schools, both in Australia and overseas.

The schedule of studies for the five years of the degree is as follows:

#### *Year I*

- Two 100-level one-semester units of study in Education (12 credit points); and
- Two 100-level one-semester units of mathematics (12 credit points); and
- Four 100-level units of study chosen from those offered by the Faculty of Science (24 credit points).

#### *Year II*

- Three Senior-level units of study in Education (18 credit points); and
- Teaching and Learning unit of study (6 credit points); and
- Two 200-level one-semester units of mathematics or statistics (12 credit points); and



- Two 200-level units of study chosen from those offered by the Faculty of Science (12 credit points) in the second teaching subject area.

#### Year III

- One 300 level Education unit of study (6 credit points); and
- Teaching and Learning unit of study (4 credit points); and
- Professional Experiences unit of study (2 credit points); and
- Curriculum units of study (24 credit points); and
- Two 300-level one-semester units of study from those offered by the Faculty of Science towards major teaching area of study (12 credit points)

#### Year IV

- Two units of study in Education: one compulsory, Reading and Designing Research (6 credit points) and one elective (6 credit points); or
- If eligible to enrol in honours, students enrol in Research Honours A (6 credit points) and Research Honours B (6 credit points) and complete a dissertation of 10,000 words or its equivalent.
- Curriculum units of study (12 credit points); and
- Professional Experiences unit of study (2 credit points); and
- Teaching and Learning units of study (10 credit points); and
- Two 300-level one-semester units of mathematics or statistics offered by the Faculty of Science towards major teaching areas (12 credit points)

#### Year V

- Curriculum and Professional Studies in Education (24 credit points); and
- 200-level or 300-level units of study to complete requirements for a mathematics major and for the Bachelor of Science (24 credit points).

*The degree is awarded at pass or honours level.*

## Bachelor of Education (Secondary: Aboriginal Studies)

For further information about this Block Mode program please contact:

#### Academic Coordinator

Ms Lyn Riley  
The Koori Centre  
Phone: +61 2 9351 6995  
Fax: +61 2 9351 6924  
Email: lyn@koori.usyd.edu.au

The Faculty of Education and Social Work may admit an Aboriginal or Torres Strait Islander person to candidature for the Bachelor of Education (Secondary: Aboriginal Studies) degree who (a) is qualified for the award of the Diploma in Education (Aboriginal) of the University of Sydney; or (b) has completed other qualifications deemed by the Faculty to be equivalent.

The Bachelor of Education (Secondary: Aboriginal Studies) is a block-mode (away-from-base) program. This program is designed specifically for Indigenous Australian people. Units of study are delivered in one-week blocks on the Camperdown campus in Sydney six times a year.

## Bachelor of Education (Honours)

An Education Honours degree is available in the following programs:

- BEd(Early Childhood)(Birth – Five Years)
- BEd(Primary)
- BEd(HMHE)
- BEd/BA
- BEd(Maths)/BSc
- BEd(Science)/BSc

Entry to an Education Honours degree requires a weighted average mark of at least 75, averaged across 48 credit points of undergraduate units of study excluding Junior units of study and Professional Experience units.

Students completing Honours will be required to successfully complete EDUF4005 Research Honours A and EDUF4006 Research Honours B and complete a 10,000 word dissertation or its equivalent.

Further details about honours are located in the Resolutions of the Faculty in the section "Degree Regulations and Policies" of this handbook.

## Rationale for the inclusion of Education I, II, III and IV in the Bachelor of Education

The Bachelor of Education has as its organising principle the professional education of teachers. As part of that education Education I, II, III and IV contribute a range of studies which link professional practice to broader theoretical and contextual understandings of educational activity. These include studies of childhood and youth, learning and teaching, psychology and human development; as well as studies of the philosophy, history, politics and sociology of education in a rapidly changing world. The increasingly globalised world students of the twenty first century enter, makes international perspectives crucial. The University of Sydney acknowledges the need to place all units of study offered in Education I through to Education IV within a global context.

Consequently the Education stream has an important relationship to the social sciences and humanities. Units of study in Education I, II, III and IV are therefore organised around multi-disciplinary topics and problem-solving frameworks. The overall aim of these units is for students to engage with substantial bodies of thought in making sense of a broad range of teaching and learning experiences; developing skills and knowledge so that they may participate actively in the processes of education and educational reform.

To this end units of study in Education I, II, III and IV encourage depth of understanding, flexibility, and critical and constructive thinking on diverse approaches to educational issues. In addition, organised research training aims to develop skills in systematic enquiry and reflective practices. These skills and knowledge are essential for learning and teaching related professions.

Units of study across Education I, II, III and IV develop from general understandings in first year to more specialised understandings in second, third and fourth years. These units of study contribute to the general skills and knowledge expected of graduates of the University of Sydney who are preparing for active participation in society as informed citizens and life long learners. Not all students of Education I, II and III will become teachers. Education I, II, III and IV is designed for the students who intend to become teachers, as well as students who have a more general desire to understand education as a field of academic inquiry.

Education I, II, III and IV contribute to the attributes of University of Sydney graduates in these five areas:

#### Knowledge

Graduates who have passed through Education I, II, III and IV should:

- have a body of knowledge in the field of education, drawn from disciplines and multi-disciplinary studies including: human development (child and adolescent in particular), educational psychology (with an emphasis on how young people learn), schooling as a social activity (which study will include philosophical, historical, sociological and multi-disciplinary perspectives), and curriculum, professional and teaching studies;
- be able to apply theory and research findings to practise in familiar and unfamiliar situations;

- have an appreciation of the importance and usefulness of scholarship and research as they organise their professional careers;
- have a working knowledge of the processes of policy development and implementation in education, with specific knowledge about certain mandated policies such as Child Protection.

### Thinking skills

Graduates who have passed through Education I, II, III and IV should be able to:

- interpret educational research and theory critically
- exercise critical judgement
- think rigorously and independently
- account for their decisions
- evaluate their own performance realistically
- adopt a problem-solving approach
- think creatively and imaginatively.

### Personal skills

Graduates who have passed through Education I, II, III and IV should have the:

- formal research skills to investigate their professional practice and its context
- capacity and desire to continue to learn
- ability to plan and achieve goals in both the personal and professional sphere
- ability to work with others, including those from diverse backgrounds.

### Personal attributes

Graduates who have passed through Education I, II, III and IV should:

- strive for tolerance and integrity
- acknowledge their personal responsibility for their own value judgements and ethical behaviour towards others.

### Practical skills

Graduates who have passed through the Education I, II, III and IV should:

- collect, analyse and report observations
- present reasoned argument based on research to peers in the field of education
- analyse educational activity and phenomena from a theoretically informed knowledge-base
- use computing and recent information technologies to assist in their learning, analysis, presentation and solving of educational issues and problems.

Units of study in Education I, II, III and IV link these attributes to their evaluative and assessment practices. Evidence of the following criteria will be used to evaluate students' work:

1. Knowledge of concepts, theories, methods and content associated with a unit of study
2. Apply these concepts, theories and methods within the unit of study
3. Communicate ideas in written and oral form
4. Use a range of resources, including ICTs, to analyse and synthesise the key elements of an educational question
5. Gather evidence to solve educational problems.

## 3. Introduction to Social Work undergraduate study

### Bachelor of Arts/Bachelor of Social Work degrees

#### Course Coordinator:

Dr Rosalie Pockett  
 Phone: +61 2 9036 5371  
 Fax: +61 2 9351 3783  
 Email: r.pockett@edfac.usyd.edu.au

The BA/BSW degrees initially require the completion of the requirements for the award of the BA course in accordance with the resolutions for that course. Within the BA program, studies in sociology, Indigenous studies and psychology (outlined in detail below), are compulsory. On completion of the Bachelor of Arts, candidates proceed to the third and fourth years of the Bachelor of Social Work course. The Bachelor of Social Work course prepares students to practise as accredited professional social workers in a range of fields including health, corrections, community work, aged care, women's services, child and family services, migrant and refugee services, international development and disability.

In Years 3 and 4 of the Bachelor of Social Work, the program is conducted on a full-time basis on two sites – the university campus and an agency where students undertake field education. The campus program focuses entirely on social work, its framework of knowledge and skills and the analysis and development of theory, social policy and research. It provides a context for exploration of the interaction of personal and professional values and ethics as they relate to social policy and social work. The starting points for learning are typical issues and debates encountered in contexts of policy and practice or with particular citizen groups, brought together in a series of Issue Based Learning Units (IBLs). The IBLs provide the context for learning about theory, research, values and skills. A structured program of lectures and seminars is provided to resource learning. Students are expected to take progressively more responsibility for their own learning, equipping them for the demands of professional practice.

The Issue Based Learning units vary in different years, but all follow a structure which provides examples of social work and which are designed to ensure the development of broader knowledge and skills which are transferable to other contexts. Examples include: Families, children and young people; Caring and citizenship: the case of disability; Drugs and alcohol; the social work response; illness, inequality and intervention; Social justice, social citizenship and social work; Violence in Families; and Ageing.

The field education program provides a practice context for this learning. Field educators determine the scope and parameters of learning opportunities within the agency. In negotiation with their field educator, students are asked to produce a contract that will set out what they hope to learn, how that learning will happen and how with their field educator, they will monitor and evaluate this learning.

The Bachelor of Arts/Bachelor of Social Work prepares graduates who have pursued education in the humanities and social sciences for scholarly interest and as professional social workers with:

A schedule of studies for the five years of the degree follows:

#### Year I

48 credit points comprising:

- Introduction to Sociology 1 and Introduction to Sociology 2 (12 credit points).

- 36 credit points from the *Table of units of study* for the Bachelor of Arts course taken in accordance with the resolutions for that course. (Credit may be given for units of study taken at other institutions).

#### Year II

48 credit points comprising:

- two senior level Sociology units of study (12 credit points); and
- intermediate level Psychology units of study (12 credit points); or
- Psychology for Social Work 201 and Psychology for Social Work 202 (12 credit points); and
- senior Indigenous studies unit of study (6 credit points); and
- 18 credit points from the *Table of units of study* for the Bachelor of Arts course taken in accordance with the resolutions for that course.

#### Year III

48 credit points comprising:

- 48 credit points prescribed for the Bachelor of Arts course and taken in accordance with the resolutions for that course.

#### Year IV

48 credit points comprising:

- Professional Practice (8 credit points); and
- IBL unit 1 (8 credit points); and
- IBL unit 2 (8 credit points); and
- Field Education 1 which includes field education of not fewer than 60 days and such attendance at classes as may be prescribed by the faculty (24 credit points).

#### Year V

48 credit points comprising:

- IBL unit 3 (9 credit points); and
- Field Education 2A and 2B which includes field education of not fewer than 80 days and such attendance at classes as may be prescribed by the faculty (24 credit points); and
- IBL unit 4 (9 credit points); and
- Integrative Studies 402 (6 credit points).

#### Honours

It is possible to complete an honours BA course and/or an honours BSW course within the combined course program. For the BA honours course, an additional honours year is completed after the third year of the combined course program, before enrolling in the fourth year (which is the equivalent of the third year in the BSW degree course). Students proceeding full-time would normally complete an honours BA course and a BSW course (pass or honours) in six years of enrolment. For information about the honours BA course, the Faculty of Arts Handbook should be consulted.

### Bachelor of Social Work

#### Course Coordinator:

Dr Rosalie Pockett  
 Phone: +61 2 9036 5371  
 Fax: +61 2 9351 3783  
 Email: r.pockett@edfac.usyd.edu.au

This is a full-time degree course preparing students to practise as accredited professional social workers in a range of fields including health, corrections, community work, aged care, women's services,



### 3. Introduction to Social Work undergraduate study

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disability, child and family services, migrant and refugee services and international development.

In the first and second years of the course, students select units of study from a wide range within the Faculty of Arts including philosophy, history, economics, government, and languages. Studies in sociology, psychology and Indigenous Studies are compulsory. This provides a strong base for subsequent studies in social work and social policy.

In Years 3 and 4 of the Bachelor of Social Work, the program is conducted on a full-time basis on two sites – the University campus and an agency where students undertake field education. The campus program focuses entirely on social work, its framework of knowledge and skills and the analysis and development of theory, social policy and research. It provides a context for exploration of interaction of personal and professional values and ethics as they relate to social policy and social work. The starting points for learning are typical issues and debates encountered in contexts of policy and practice or with particular citizen groups, brought together in a series of Issue Based Learning Units (IBLs). The IBLs provide the context for learning about theory, research, values and skills. A structured program of lectures and seminars is provided to resource learning. Students are expected to take progressively more responsibility for their own learning, equipping them for the demands of professional practice.

The Issue Based Learning units vary in different years, but all follow a structure which provides examples of social work and which are designed to ensure the development of broader knowledge and skills which are transferable to other contexts. Examples include: families, children and young people; caring and citizenship: the case of disability; drugs and alcohol; the social work response; illness, inequality and intervention; social justice, social citizenship and social work; violence in families; and ageing.

The field education program provides a practice context for this learning. It requires social workers to use theory and research and to act consistently with regard to professional values and ethics.

The Bachelor of Social Work prepares graduates who have:

- an understanding of social work and social policy theory and practice and their interdisciplinary nature in historical, cultural, socio-economic and political contexts
- an understanding of the interdependence of theory, practice, policy and research
- an understanding of, and an ability to articulate the contribution of social work and social policy in working towards social justice
- a capacity to locate, analyse, use and engage in research in practice
- an ability to use knowledge effectively to solve problems at different levels of intervention and in a range of workplace contexts
- Skills in communication, empathy, self-awareness in practice, providing resources, assessment and exercising professional judgement
- an ability to act professionally, using ethical and strategic practices, using 'self' in a disciplined way in social work
- an ability to reflect systematically on the theoretical and personal underpinnings of practices and to change and develop them where necessary in light of new knowledge, lived experience and different contexts
- an ability to combine autonomy with a capacity for collaborative and versatile work
- an appreciation of the limits of current knowledge and capabilities and a preparedness to undertake ongoing professional development.

The schedule of studies for the four years of the degree follows:

#### *Year I*

48 credit points comprising:

- Introduction to Sociology 1 and Introduction to Sociology 2 (12 credit points).
- 36 credit points from the *Table of units of study* for the Bachelor of Arts course taken in accordance with the resolutions for that

course. (Credit may be given for units of study taken at other institutions.)

#### *Year II*

48 credit points comprising:

- one senior level Sociology unit of study (6 credit points); and
- Research Skills for Social Work (6 credit points); and
- intermediate level Psychology units of study (12 credit points); or Psychology for Social Work 201 and Psychology for Social Work 202 (12 credit points); and
- senior Indigenous studies unit of study (6 credit points); and
- 18 credit points from the *Table of units of study* for the Bachelor of Arts course taken in accordance with the resolutions for that course. (Credit may be given for units of study taken at other institutions.)

#### *Year III*

48 credit points comprising:

- Professional Practice (8 credit points); and
- IBL unit 1 (8 credit points); and
- IBL unit 2 (8 credit points); and
- Field Education 1 which includes field education of not fewer than 60 days and such attendance at classes as may be prescribed by the Faculty (24 credit points).

#### *Year IV*

48 credit points comprising:

- IBL Unit 3 (9 credit points); and
- Field Education 2A and 2B which includes field education of not fewer than 80 days and such attendance at classes as may be prescribed by the Faculty (24 credit points); and
- IBL unit 4 (9 credit points); and
- Integrative Studies (6 credit points)

#### **Honours**

An honours stream is available to eligible students in years 3 and 4.

## Social Work units of study

### Year 1

#### SCLG1001

##### Introduction to Sociology 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Catriona Elder **Session:** Semester 1, Summer Early **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Assessment:** one essay (40%), one 2 hour exam (40%) and other work as assigned by coordinator (20%)

This unit introduces students to the study of sociology through an analysis of contemporary Australian society. Using a range of sociological concepts and theories, we will analyse society in the period known as 'modernity'. Students will be encouraged to analyse existing social phenomena through the prisms of gender, sexuality, ethnicity, class, multiculturalism and indigeneity.

##### Textbooks

Readings will be available at the University Copy Centre

#### SCLG1002

##### Introduction to Sociology 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Catriona Elder **Session:** Semester 2, Winter Main **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Assessment:** one essay (40%), one 2 hour exam (40%) and other work as assigned by coordinator (20%)

Students will continue to be introduced to sociology through the analysis of contemporary society. Through a focus on the sociology of everyday life, we will explore the relationships between various social and cultural forms, institutional sites and the practices of everyday life. Topics such as fame and celebrity, fashion and consumption, globalization community and belonging will be explored.

##### Textbooks

Readings will be available at the University Copy Centre

### Year 2

#### SCWK2004

##### Psychology for Social Work 201

**Credit points:** 6 **Teacher/Coordinator:** Ms Agi O'Hara **Session:** Semester 1 **Classes:** 2 lectures plus 1 tutorial/week **Prerequisites:** 48 junior credit points **Assessment:** one 1000-1500 word tutorial process diary, one 2 hour exam, online tutorial participation

*Note: This unit is only available to students enrolled in the Bachelor of Social Work and combined Bachelor of Arts/Bachelor of Social Work degrees.*

This unit of study focuses on theories and research in psychology that have most relevance to the practice of social work. Areas covered will be (i) Counselling Psychology, critically examining the theoretical foundations of counselling processes; (ii) Human Development, indicating the main patterns of development.

#### SCPL2601

##### Australian Social Policy

**Credit points:** 6 **Teacher/Coordinator:** Dr Amanda Elliot **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCPL3001 **Assessment:** one 1500 word essay (30%), one 1000 word tutorial paper and presentation (30%) and one 2 hour exam (40%)

In this unit of study Australian social policy is explored: the legal and administrative framework; relationships between family and the state; employment, unemployment, unpaid work and welfare; the public/private mix; aged care policies, the culture of welfare state provision, indigenous policies, migration, multiculturalism and the formulation and delivery of social welfare services in Australia.

##### Textbooks

Reader available via the University Copy Centre

#### KOCR2600

##### Indigenous Australia: An Introduction

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Classes:** (2 lec x 1hr & 1 x 1hr tut)/wk **Prerequisites:** 18 Junior credit points **Prohibitions:** KOCR2100 **Assessment:** one 2000 word essay (40%); one tutorial presentation (10%); one 1000 word tutorial paper (20%); 2 x critical reviews(30%)

This unit of study explores the historical, social and political contexts of the survival and growth of Aboriginal and Torres Strait Islander cultures and philosophies. The unit is structured around the themes of representation and identities; the colonisation of land and people; and resistance and agency. It will provide students with an introduction to Indigenous philosophies and theories by examining 'contact history' and resistance within a critical framework.

#### SCWK2005

##### Psychology for Social Work 202

**Credit points:** 6 **Teacher/Coordinator:** Ms Agi O'Hara **Session:** Semester 2 **Classes:** 2 lectures plus 1 tutorial/week **Prerequisites:** 48 junior credit points. **Assessment:** one 1000-1500 word tutorial process diary, one 2 hour exam, online tutorial participation.

*Note: This unit is only available to students enrolled in the Bachelor of Social Work and combined Bachelor of Arts/Bachelor of Social Work degrees.*

The unit of study focuses on psychological theories and research associated with mental health and several contemporary issues of particular relevance to the practice of social work. Strategies are introduced to assist in an understanding of the complex factors involved in experiences of child abuse, domestic violence, psychosocial aspects of HIV/AIDS, suicide awareness and prevention, drug and alcohol addiction, gambling, living with mental illness, and grief.

#### SCWK2006

##### Research Skills for Social Work

**Credit points:** 6 **Teacher/Coordinator:** Ms Margot Rawsthorne **Session:** Semester 2 **Classes:** 1 x 2 hr lecture weekly; 1 x 2 hr tutorial fortnightly. **Prerequisites:** 48 junior credit points **Prohibitions:** SCLG2602 **Assessment:** Library search exercise ((25%); presentation and 1000 wd essay (30%); essay (45%)

Social workers are increasingly required to understand and communicate the research base of their practice, and to become practitioner-researchers in their own right. This unit aims to help students develop an understanding of the ways social workers use research in different practice contexts: assessing community needs, formulating policies, developing new services, evaluating programs, enhancing social work practice, and developing theory. Students are introduced to quantitative and qualitative approaches and methods in social work research, in the context of specific practice fields including mental health, domestic violence, community development, and policy advocacy.

### Year 3

#### SCWK3006

##### Issue Based Learning Unit 1

**Credit points:** 8 **Teacher/Coordinator:** Dr Rosalie Pockett **Session:** Semester 1 **Classes:** 4 hrs/wk **Prerequisites:** 96 Credit points to include SCPL2601; KOCR2600; SCLG2602 or SCWK2006; Either SCWK2004 and SCWK2005 or 12 intermediate Psychology credit points. **Corequisites:** SCWK3007, SCWK3008 **Assessment:** Essay (40%); group project (40%); presentation (20%).

The title and content of the unit will be selected from the following: Illness, inequality and intervention; Social justice, social citizenship and social work; Caring and citizenship; the case of disability; Families, children and young people; Drugs and alcohol; the social work response.

#### SCWK3007

##### Issue Based Learning Unit 2

**Credit points:** 8 **Teacher/Coordinator:** Dr Sue Goodwin **Session:** Semester 1 **Classes:** 4 hrs/wk. **Prerequisites:** 96 Credit points to include SCPL2601; KOCR2600; SCLG2602 or SCWK2006; Either SCWK2004 and SCWK2005 or 12 intermediate Psychology credit points. **Corequisites:** SCWK3006, SCWK3008 **Assessment:** In-class exam (35%), tutorial presentation (25%), essay (40%).

The title and content of the unit will be selected from the following: Illness, inequality and intervention; Social justice, social citizenship and social work; Caring and citizenship; the case of disability; Families, children and young people; Drugs and alcohol; the social work response.

### SCWK3008

#### Professional Practice

**Credit points:** 8 **Teacher/Coordinator:** Ms Denise Lynch **Session:** Semester 1 **Classes:** 4 hrs/wk. **Prerequisites:** 96 Credit points to include SCPL2601; KOCR2600; SCLG2602 or SCWK2006; Either SCWK2004 and SCWK2005 or 12 intermediate Psychology credit points. **Corequisites:** SCWK3006, SCWK3007 **Assessment:** Assessment plan (15%), assessment report (35%), take home exam (30%), reflective journal (20%).

This unit of study addresses the theory-practice relationship and provides students with opportunities to engage with reflexive practice. It provides an introduction to the diversity of the professional practice of social work and aims to develop the capability of students to practise generic skills in social work practice and policy. There is an emphasis on understanding social work values and the fundamentals of ethical practice. Students are encouraged to recognise and build upon skills and knowledge they already have, and to develop their capabilities for acquiring further knowledge and skills.

### SCWK3005

#### Field Education 1

**Credit points:** 24 **Teacher/Coordinator:** Professor Barbara Fawcett **Session:** Semester 2 **Classes:** 2 hours/fortnight **Prerequisites:** SCWK3006, SCWK3007, SCWK3008 **Prohibitions:** SCWK3009, SCWK3010 **Assessment:** Pass/Fail

This unit is a compulsory, full time field education practicum of 60 days (Tuesday to Friday). In negotiation with the field educator, students produce a learning contract that sets out what they hope to learn, how this learning will happen and how, with their field educator, they will monitor and evaluate their learning. In addition, students attend fortnightly placement classes and peer support and accountability groups. These provide a forum in which to explore issues concerning the integration of practice and theory, as well as opportunities for support and consultation with other students and social work staff. Written assignments and oral presentations allow students to demonstrate their placement learning.

### SCWK3009

#### Social Work Preliminary Honours

**Credit points:** 6 **Teacher/Coordinator:** Dr Ruth Phillips **Session:** Semester 2 **Classes:** 1x 3 hr seminar for 12 wks **Prerequisites:** SCWK3006, SCWK3007 and SCWK3008 **Corequisites:** SCWK3010 **Prohibitions:** SCWK3005 **Assessment:** Essay (25%); Literature review (35%); Research proposal (25%); Group presentation (15%)

*Note: Department permission required for enrolment.*

This unit assists students undertaking the Honours program in Social Work to further develop understanding of the role that research plays in social work practice and to develop knowledge, understanding and skills to both use and undertake research. As it is taken concurrently with the first field education placement, students apply their learning to the context of their social work field placement. They identify a research topic relevant to their placement context, conduct a literature review, explore ethical issues and develop a research proposal. Policies, ethical issues and critical debates in social work research will also be examined,

### SCWK3010

#### Field Education 1 Honours

**Credit points:** 18 **Teacher/Coordinator:** Ms Ros Giles **Session:** Semester 2 **Classes:** 2 hrs/fortnight **Prerequisites:** SCWK3006, SCWK3007 and SCWK3008 **Corequisites:** SCWK3009 **Prohibitions:** SCWK3005 **Assessment:** Pass/Fail

*Note: Department permission required for enrolment.*

This unit is a compulsory, full time field education practicum of 60 days (Tuesday to Friday). In negotiation with the field educator, students produce a learning contract that sets out what they hope to learn, how this learning will happen and how they will monitor and evaluate their learning. In addition, students attend fortnightly placement classes and peer support and accountability groups. These provide a forum in which to explore issues concerning the integration of practice and theory, approaches to investigating one's practice, as well as opportunities for support and consultation with other students

and Social Work staff. Written assignments and oral presentations allow students to demonstrate their placement learning.

## Year 4

### SCWK4002

#### Integrative Studies 402

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Laing **Session:** Semester 2b **Classes:** 12 hrs/wk **Prerequisites:** SCWK4003; SCWK4005 **Corequisites:** SCWK4004, SCWK4006 **Assessment:** Journal article (100%)

This is the final unit of study in the Bachelor of Social Work program and is of four weeks' duration. Through processes of critical reflection, students have an opportunity to look back on and consolidate knowledge and skills developed over the four years of the Bachelor of Social Work degree.

### SCWK4003

#### Issue Based Learning Unit 3

**Credit points:** 9 **Teacher/Coordinator:** Dr Lesley Laing **Session:** Semester 1a **Classes:** 12 hrs/wk (seminars and lectures) **Prerequisites:** SCWK3005 or SCWK3010; SCWK3006; SCWK3007; SCWK3008 **Assessment:** In class essay (15%), group development and presentation of a research proposal (35%); class participation statement (10%); essay (40%).

This unit is the third of a sequence of four Issue Based Learning units. It is of five weeks duration and is intended to develop further students' capabilities in the transfer of knowledge and independent work. It builds on the knowledge and skills gained in Field Education I and includes preparation for Field Education IIA & IIB.

### SCWK4004

#### Issue Based Learning Unit 4

**Credit points:** 9 **Teacher/Coordinator:** Dr Lindsey Napier **Session:** Semester 2a **Classes:** 12 hrs/wk (seminars and lectures) **Prerequisites:** SCWK4003; SCWK4005 **Corequisites:** SCWK4002, SCWK4006 **Assessment:** Group project and presentation (40%), essay (60%).

This unit is the fourth of a sequence of four Issue Based Learning units. It is of five weeks duration and is intended to develop further students' capabilities in the transfer of knowledge and independent work. It builds on the knowledge and includes skills gained in Field Education IIA & IIB.

### SCWK4005

#### Field Education 2A

**Credit points:** 15 **Teacher/Coordinator:** Dr Fran Waugh **Session:** Semester 1b **Classes:** 2 hours/fortnight. **Prerequisites:** SCWK4003 **Assessment:** Pass/Fail

This is the first part of a full time field education practicum of 80 days. In negotiation with the field educator, students produce a learning contract that sets out what they hope to learn, how this learning will happen, and how, with their field educator, they will monitor and evaluate their learning. In addition, students attend fortnightly placement classes and peer support and accountability groups. These provide a forum in which to explore issues concerning the integration of practice and theory, as well as opportunities for support and consultation with other students and social work staff. Written assignments and oral presentations allow students to demonstrate their placement learning. Those students on placement outside the Sydney metropolitan area participate in weekly online classes and make a presentation at the end of placement.

### SCWK4006

#### Field Education 2B

**Credit points:** 9 **Teacher/Coordinator:** Dr Fran Waugh **Session:** Semester 2a **Classes:** 2 hours/fortnight. **Prerequisites:** SCWK4005 **Prohibitions:** SCWK4007, SCWK4008 **Assessment:** Pass/Fail

This is the second part of a field education practicum of 80 days.

## Table of Bachelor of Social Work units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>Year 1</b>			
<b>SCLG1001</b> Introduction to Sociology 1	6		Semester 1 Summer Early
<b>SCLG1002</b> Introduction to Sociology 2	6		Semester 2 Winter Main
<b>Year 2</b>			
<b>SCWK2004</b> Psychology for Social Work 201	6	<b>P</b> 48 junior credit points <i>This unit is only available to students enrolled in the Bachelor of Social Work and combined Bachelor of Arts/Bachelor of Social Work degrees.</i>	Semester 1
<b>SCPL2601</b> Australian Social Policy	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCPL3001	Semester 1
<b>KOCR2600</b> Indigenous Australia: An Introduction	6	<b>P</b> 18 Junior credit points <b>N</b> KOCR2100	Semester 1 Semester 2
<b>SCWK2005</b> Psychology for Social Work 202	6	<b>P</b> 48 junior credit points. <i>This unit is only available to students enrolled in the Bachelor of Social Work and combined Bachelor of Arts/Bachelor of Social Work degrees.</i>	Semester 2
<b>SCWK2006</b> Research Skills for Social Work	6	<b>P</b> 48 junior credit points <b>N</b> SCLG2602	Semester 2
<b>Year 3</b>			
<b>SCWK3006</b> Issue Based Learning Unit 1	8	<b>P</b> 96 Credit points to include SCPL2601; KOCR2600; SCLG2602 or SCWK2006; Either SCWK2004 and SCWK2005 or 12 intermediate Psychology credit points. <b>C</b> SCWK3007, SCWK3008	Semester 1
<b>SCWK3007</b> Issue Based Learning Unit 2	8	<b>P</b> 96 Credit points to include SCPL2601; KOCR2600; SCLG2602 or SCWK2006; Either SCWK2004 and SCWK2005 or 12 intermediate Psychology credit points. <b>C</b> SCWK3006, SCWK3008	Semester 1
<b>SCWK3008</b> Professional Practice	8	<b>P</b> 96 Credit points to include SCPL2601; KOCR2600; SCLG2602 or SCWK2006; Either SCWK2004 and SCWK2005 or 12 intermediate Psychology credit points. <b>C</b> SCWK3006, SCWK3007	Semester 1
<b>SCWK3005</b> Field Education 1	24	<b>P</b> SCWK3006, SCWK3007, SCWK3008 <b>N</b> SCWK3009, SCWK3010	Semester 2
<b>SCWK3009</b> Social Work Preliminary Honours	6	<b>P</b> SCWK3006, SCWK3007 and SCWK3008 <b>C</b> SCWK3010 <b>N</b> SCWK3005 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>SCWK3010</b> Field Education 1 Honours	18	<b>P</b> SCWK3006, SCWK3007 and SCWK3008 <b>C</b> SCWK3009 <b>N</b> SCWK3005 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>Year 4</b>			
<b>SCWK4002</b> Integrative Studies 402	6	<b>P</b> SCWK4003; SCWK4005 <b>C</b> SCWK4004, SCWK4006	Semester 2b
<b>SCWK4003</b> Issue Based Learning Unit 3	9	<b>P</b> SCWK3005 or SCWK3010; SCWK3006; SCWK3007; SCWK3008	Semester 1a
<b>SCWK4004</b> Issue Based Learning Unit 4	9	<b>P</b> SCWK4003; SCWK4005 <b>C</b> SCWK4002, SCWK4006	Semester 2a
<b>SCWK4005</b> Field Education 2A	15	<b>P</b> SCWK4003	Semester 1b
<b>SCWK4006</b> Field Education 2B	9	<b>P</b> SCWK4005 <b>N</b> SCWK4007, SCWK4008	Semester 2a





## 4. Education units of study

### Education 1 (all Education students)

#### EDUF1018

##### Education, Teachers and Teaching

**Credit points:** 6 **Teacher/Coordinator:** Dr Paul Ginns **Session:** Semester 1  
**Classes:** Lectures : 2 hrs/wk; Seminars : 1 hr/wk; Workshops : 1 hr/wk for 8 wks  
**Prohibitions:** EDUF1011 **Assessment:** Seminar presentation, 2000 word academic essay and final examination (1.5 hours).

This unit of study is the first part of Education I and provides a general introduction to education and teaching. The unit integrates the following themes: knowledge, culture and the curriculum; teaching as a process and way of life; and, teachers as life-long learners and researchers. Within this unit, students are also mentored by more experienced students during their first semester transition to the university. At the conclusion of the unit students should have developed and demonstrated an understanding of the complex character of teachers' work.

#### EDUF1019

##### Human Development and Education

**Credit points:** 6 **Session:** Semester 2 **Classes:** Lectures: 2 hrs/wk for 10 wks; Tutorials: 1 hr/wk for 10 wks; ICT Workshops: 1 hr/wk for 10 wks  
**Prohibitions:** EDUF1012 **Assessment:** Seminar presentation, 2000 word essay, examination 2 hour.

This unit of study is the second part of Education I. EDUF1019 introduces students to contemporary understandings of human development across the life-span with particular emphasis on childhood and youth. Such understandings are essential for students who intend to work as teachers with young people. They are also of utility to other students who have an interest in human development issues. This unit addresses one of the major goals of Education I, II, and III, that is, the learning of a body of knowledge on "human development (child and adolescent in particular)". The Unit concentrates upon the phases of human development within and across the following domains: physical (including brain development, body growth, and motor development), cognitive, social, psychological, moral, aesthetic, and language development. Contemporary theory and research will be used to examine development across the phases of the life-span and within the various developmental domains. A focus will be on an introduction to issues of relevance to the understanding of human development such as the impact of history and culture upon human development, the impact of technology and social change upon the human development future, implications of recent brain research upon human development and the human development issues faced by children with special developmental/educational needs. In addition, the module Introduction to Computers in Education seeks to give students a beginning knowledge of computers and information and communication technologies relevant to their development as educational professionals. The unit also functions to give beginning teachers (1) a knowledge of and respect for the diverse social, cultural, and ethnic and religious backgrounds of students, and the effects of these factors on learning, (2) knowledge of the physical, social and intellectual developmental characteristics of the ages of students from K to year 12, (3) knowledge of students' varied approaches to learning, and (4) knowledge of how the skills, interests, and prior achievements of students affect learning.

### Science Foundations (Primary students)

#### EDUF1016

##### Science Foundations 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Armstrong Osborne **Session:** Semester 1  
**Classes:** Consists of two introductory weeks followed by two 4 week modules, one on Living Things and the other on Matter. Each module consists of two 1 hour lectures and a 2 hour workshop session per week. An all day (6 hour) compulsory field activity will be held on each day of one weekend (students will be assigned to either excursion day) during the semester, at a date to be announced. **Assessment:** Assessment will be based upon assignments, practical work, and field work (40%) and a semester examination (60%).

Science Foundations 1 is a unit of study for all students enrolled in the Bachelor of Education Primary. The unit of study will provide students with a background in science and children's understanding of scientific concepts relating to biology and chemistry, relevant to their curriculum studies in K-6 Science and Technology. The coursework will consist of four hours per week, made up of lectures and workshop/seminars, an all-day field excursion and self-directed or assigned activities. The units will be taught using the staff and facilities of both the Faculty of Education and Social Work and the Faculty of Science.

##### Textbooks

A bundle of printed workshop and lecture notes is produced for Science Foundations 1. Students should purchase this from the University Copy Centre prior to the commencement of lectures.

#### EDUF1017

##### Science Foundations 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Armstrong Osborne **Session:** Semester 2  
**Classes:** Consists of an introductory week followed by two 5-week modules, one on The Earth and its Surroundings and the other on Physical Phenomena. Each module consists of two 1 hour lectures and a 2 hour workshop session per week. An all-day (6 hour) compulsory field activity will be held on each day of one weekend (students will be assigned to either excursion day) during the semester, at a date to be announced. **Assessment:** Assessment will be based upon assignments, practical work, and field work (40%) and a semester examination (60%).

Science Foundations 2 is a unit of study for all students enrolled in the Bachelor of Education Primary degree. The unit of study will provide students with a background in science and children's understanding of scientific concepts relating to geoscience and physics, relevant to their curriculum studies in K-6 Science and Technology. The coursework will consist of four hours per week, made up of lectures and workshops/seminars, an all-day field excursion and self-directed field or assigned activities. The units will be taught using the staff and facilities of both the Faculty of Education and Social Work and the Faculty of Science.

##### Textbooks

It is recommended that students purchase: - Skamp, P., 2004, Ed. Teaching Primary Science Constructively, Second Edition, Thomson, Southbank 534 p This text will be used for Science Education in later years. Printed workshop notes are produced for the two modules in Science Foundations 2. Students should purchase Volume 3 from the University Copy Centre prior to the commencement of lectures.

### Education 2 (all Education students)

#### EDUF2006

##### Educational Psychology

**Credit points:** 6 **Teacher/Coordinator:** Dr Richard Walker **Session:** Semester 1  
**Classes:** Lectures: 2 hrs/wk for 12 wks; Tutorials: 1 hr/wk for 12 wks  
**Prerequisites:** (EDUF1018 and EDUF1019) or 30 junior credit points  
**Assessment:** Tutorial presentations (oral & written), 2000 wd essay, examination 2 hrs.



This unit of study is the first part of Education II. Its aim is to provide a general introduction to educational psychology. The important issues of the unit include constructivist and other approaches to learning, critical thinking skills, problem solving, technologically supported learning and motivation. This unit plays an important role in supporting later teaching and curriculum studies in the Bachelor of Education degree. At the end of this unit of study, students will have made substantial progress towards understanding the utility of research in psychology for educators. They will have the capacity to describe learning and teaching activities in terms of their psychological efficacy, especially as it relates to young people. Similarly they will have been introduced to the theory and practice of assessment and evaluation in educational settings, and the impact of assessment on learning and motivation. They will have had training in two Department of Education and Training policies, Good Discipline and Effective Learning, and Student Welfare.

#### EDUF2007

##### Social Perspectives on Education

**Credit points:** 6 **Teacher/Coordinator:** Associate Professor Debra Hayes **Session:** Semester 2 **Classes:** Lectures: 1 hr/wk for 12 wks; Workshops: 2 hrs/wk for 11 wks **Prerequisites:** (EDUF1018 and EDUF1019) or 30 junior credit points **Assessment:** Workshop presentations, 1000 wd literature review, 4000 wd joint research project, examination 1.5 hrs.

This unit of study is the second part of Education II. Its aim is to provide a general introduction to the social, political and economic contexts of education. The two themes studied in the Unit are: Schools and communities, and Educational systems, markets and globalisation. At the end of this unit of study, students should have the capacity to discuss the impact of a range of educational practices and policies on communities of students and families. Similarly, students will be familiar with broad movements in contemporary educational reform and their association with national and global economic change. As a result of working collaboratively on a substantial project students will develop a range of research skills. Training is provided in the following Department of Education and Training policies and procedures: Aboriginal Education, Anti-Racism and Gender Equity.

### Education 3 (all Education students)

#### EDUF3031

##### Positive Approaches to Special Education

**Credit points:** 6 **Teacher/Coordinator:** Dr Ilektra Spandagou **Session:** Semester 1, Semester 2 **Classes:** Lectures: 1 hr/wk for 12 wks, Workshops: 2 hrs/wk for 6 wks, 20 hrs fieldwork placement **Prerequisites:** 42 credit points **Assessment:** Fieldwork report (equiv. 4000 wds), tutorial presentation (equiv. 650 wds), three position statements (equiv. 1350 wds).

This unit addresses issues relating to the education of students with special education needs. They include the impact of the philosophy and principles of inclusive education and current legislation, evidence based approaches to curriculum, teaching and learning practices for students with special education needs. A specific focus is given to managing challenging behaviours of students in a range of settings.

### Education 3 Options

#### EDUF3023

##### Sports, Leisure and Youth

**Credit points:** 6 **Teacher/Coordinator:** Dr Steve Georgakis **Session:** Semester 1 **Classes:** Lectures: 1 hr/wk for 12 wks; Seminar: 2 hrs/wk for 12 wks. **Prerequisites:** 42 credit points **Assessment:** Seminar presentations (20%), 2,500 wd work research project (40%), 2500 wd portfolio (40%).

This unit of study dissects the role played by youth sport and sport in Australian society from an historical and socio-cultural perspective. Youth sport in this unit encompasses school physical education, school sport, organised community sport as well as any organised youth physical activity. This unit endeavours to place greater emphasis on theories that have emerged regarding youth sport and sport issues. These include how youth sport and sport in general have been constructed over time and how each relates to themes such as class, gender, age, ethnicity, sexuality, social identity, policy, politics

commercialism, nationalism, terrorism and racism. This unit will encourage students to critically analyse how sport is both constructed and is produced in the context of particular social values and beliefs. The unit is structured in a way to encourage the development of arguments and ideas through tutorial presentations, research projects and a portfolio which relate to these topic areas. This unit of study is designed to encourage student-based multi-disciplinary inquiry as laid out by the Education III design. It is designed also to encourage students to become informed citizens and life-long learners.

#### EDUF3026

##### Global Poverty and Education

**Credit points:** 6 **Session:** Semester 2 **Classes:** Lectures: 1 hr/wk for 12 wks; tutorials: 2 hrs/wk for 12 wks **Prerequisites:** 42 credit points. **Assessment:** One 1hr exam, one 2500 wd essay, one 1250 wd workshop paper, one 750 wd workshop paper.

This unit of study explores relationships between education, poverty and development in the less-developed parts of the world. It acknowledges the importance of a broad-ranging view of development, including its economic, cultural and technological dimensions. The unit begins with an analysis of the impact of globalisation on poorer regions, moving to consideration of a range of theories of development and how education is viewed in them. The major part of the unit examines key issues facing educational development in poorer countries at the present time, and moves on to country and/or regional case studies, consideration of the Australian foreign aid program in education, and the role of UN agencies in educational development. Students will be assessed on the basis of: workshop participation, examination & essay. The emphasis, in all aspects of assessment, will be on demonstrating a sound understanding of the theories developed within the unit of study and applying these to the less-developed areas of the world. The use of educational research to support students' work, combined with a critical integration of all information used, is an integral component of the unit. The unit is especially designed for those who have an interest in developing countries, who may be teaching or writing about development issues, or who may be interested in careers in international and development education, whether in Australia or overseas.

#### EDUF3027

##### International Education

**Credit points:** 6 **Teacher/Coordinator:** Dr Nigel Bagnall **Session:** Semester 1 **Classes:** Lectures: 1 hr/wk for 12 wks; tutorials: 2 hrs/wk for 12 wks **Prerequisites:** 42 credit points **Assessment:** 1 hr exam, 2500 wd essay, two 1000 wd workshop papers, workshop participation.

The unit emphasis is on the underpinning global education trends of the developed world. A number of themes are dealt with in this global context, in particular youth transition, Indigenous education issues in Australia, USA and New Zealand, the emergence of international curriculum and assessment and a number of education system case studies. These case studies will include the education systems of France, Great Britain, Germany and the United States. The unit will appeal to students who are likely to work in the increasingly global world of teaching and may be involved in latter years in working in organizations such as UNESCO, the OECD or the World Bank.

#### EDUF3028

##### Mentoring in Educational Contexts

**Credit points:** 6 **Teacher/Coordinator:** Dr. Lesley Scanlon **Session:** Semester 1 **Classes:** Lectures: 1 hr/wk for 10 wks; seminars: 2 hrs/wk for 10 wks **Prerequisites:** 42 credit points **Assessment:** Seminar presentation (2000 wds equiv.), reflective journal (4000 wds) and participation in a first year mentor workshop or other approved mentor programme (for 1 hour a week for 7 weeks).

It is increasingly difficult for young people to survive in contemporary risk societies. Particularly problematic is their successful navigation of unfamiliar communities of practice manifest as organisational structures. Subsequently, mentoring has been widely adopted internationally to support young people acquire the organisation know-how essential to organisational survive. Specifically, within an educational context mentoring as theory and practice has assumed critical importance in introducing pre-service teachers to the

professional practice of teaching. This unit of study examines mentoring in schools and universities and other organisational structures. Students use a range of sociological theories and constructs in order to develop a critical understanding of mentoring as professional practice.

#### EDUF3029

##### Psychology of Learning and Teaching

**Credit points:** 6 **Teacher/Coordinator:** Dr Paul Ginns **Session:** Semester 2 **Classes:** Lectures: 1 hr/wk for 10 wks; tutorials: 2 hrs/wk for 10 wks **Prerequisites:** 42 credit points and EDUF2006 **Assessment:** 2000 word essay (35%), collaboratively written 2500 word tutorial paper (20%), individual oral tutorial presentation (15%), 2 hour take home exam (30%), supplementary on-line work.

This unit of study examines four themes from current research on learning and teaching which have significant implications for enhancing learning outcomes in educational settings: (1) the self-system, learning and achievement; (2) collaborative learning: cognitive and motivational factors; (3) information processing and the design of instruction; and (4) learning from text, illustrations and multimedia. Each of these themes is defined by a central question (e.g. how is the self-system organised and what is its relationship to student achievement?) which is examined through several bodies of related recent research. In addition to lectures on each theme, students present the results of their collaborative self-directed research on one of the themes in a series of presentations held in the last three weeks of the unit of study. At the completion of the unit students should be able to analyse, synthesise, and draw conclusions from theory and research in each of the four themes considered, derive educational implications and applications for an educational level (e.g. primary, secondary), demonstrate the skills involved in collaborative and self-directed learning, and demonstrate competence in oral and written communication skills.

#### EDUF3030

##### Australian Secondary Schooling

**Credit points:** 6 **Teacher/Coordinator:** Dr Helen Proctor **Session:** Semester 1 **Classes:** Lectures : 1 hr/wk for 12 wks; Tutorials : 2 hrs/wk for 12 wks **Prerequisites:** 42 credit points **Assessment:** Three reading guides (2100 wds), Essay (3000 wds), Exam (1 hr).

How can we explain the ideas, practices and institutions which form the modern Australian secondary school? This unit looks for the answers in the history of the secondary school. Where did the HSC, prefects, SRCs, school uniforms, the curriculum, the private and the public school, the coed and single sex school, and the church and public schools all come from? Understanding the history of the present enables a powerful advantage in the process of reforming secondary schools and education. The first part of the unit looks at the inheritance from Europe and North America before concentrating on Australia, and New South Wales in particular. The workshop and assignment program encourages students to work on the experience and history of particular schools in which they may be interested.

#### EDUF3032

##### Curriculum and Evaluation

**Credit points:** 6 **Teacher/Coordinator:** Associate Professor Murray Print **Session:** Semester 2 **Classes:** Lectures: 1 hr/wk for 10 wks; Tutorials: 2 hrs/wk for 10 wks **Prerequisites:** 42 credit points **Assessment:** Analysis of Curriculum Document 20%, Seminar presentation 30% and related paper on a curriculum phenomenon 50%; supplementary on-line work.

'Curriculum' can mean many things: syllabuses, curriculum documents, policies, plans for teaching by faculties and individual teachers, sets of materials and resources used as the basis for developing learning experiences for learners as well as the learning experiences themselves. In addition curriculum as process includes all of the thinking, talking and interacting between individuals and groups that are necessary to arrive at decisions that are recorded in plans and documents. Evaluation and assessment are often misunderstood concepts. Cultural, social and political influences drive decisions about who, what and how will be evaluated. Evaluation and assessment are often conflated with large scale testing regimes because they can

lead to easily quantifiable results. A broader and more accurate understanding of these terms is important for all educators.

#### EDUF3034

##### Australian Theatre, Film and Learning

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael Anderson; Dr Kelly Freebody **Session:** Semester 1, Semester 2 **Classes:** 10hrs lectures, 10 hrs seminars, 4 field trips **Prerequisites:** 42 credit points **Assessment:** Essay (2500 words), Film Assignment essay (2500 words).

This unit of study examines the nature of theatre and film in Australian cultural and educational settings. A particular focus will be placed on theatre and film for and by young people, and the range of learning that takes place through young people's engagement in, and appreciation of, theatre and film. In addition, the role and nature of Australian film and theatre will be placed within an international context so that students can examine the international forces influencing Australian culture. Indigenous issues in Australian Film and Theatre will be examined. Australian Theatre, Film and Learning will provide first hand experiences of Australian films and theatre performances through field trips to significant theatre performances and festivals, Australian school performances and the viewing of Australian films. Students enrolled in this unit will incur a levy to cover any additional costs.

#### EDUF3035

##### Multicultural Learning and Teaching

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 1 **Classes:** Lectures: 2 hrs/wk for 9 wks, Field: 3 hrs/wk for 3 wks, Seminars: 3 hrs/wk for 3 wks **Prerequisites:** 42 credit points **Assessment:** Critical reflective diary 40%, Seminar Presentation 60%

This unit provides students with a deeper understanding of the historical, cultural and sociological construction of youth in Australia today. This knowledge, as well as the changing experiences of young people, is an important foundation for today's educators. This unit will focus on the Australian educational experience set within the context of multicultural social change. Students enrolled in this unit will incur a levy to cover any additional costs.

#### EDUF3036

##### Arts-Based Learning and Teaching

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 2 **Classes:** Lectures: 2 hrs/wk for 9 wks; Field Study: 3 hrs/wk for 3 wks; Seminars: 3 hrs/wk for 3 wks **Prerequisites:** 42 credit points **Assessment:** Critical reflective diary: 40%, Case Study: 60%

This unit provides students with an understanding of the traditions, influences, stylistic and contemporary practices contributing to art and design in Australia and the Pacific. Knowledge of art and design, as well as design traditions and contemporary practices, are an important foundation for both practitioners and art educators. This unit will focus on Indigenous Australian and Pacific Islander art and design education. Students enrolled in this unit will incur a levy to cover any additional costs.

## Education 4 (all Education students)

#### EDUF4044

##### Reading and Designing Research

**Credit points:** 6 **Teacher/Coordinator:** Associate Professor Debra Hayes **Session:** Semester 1, Semester 2 **Classes:** Lectures: 2 x 1 hour/week; Workshops: 2 hours/week; Tutorials: 1 hour/week (Classes are conducted during the first seven weeks of semester). **Prerequisites:** 120 credit points including EDUF2006 and EDUF2007 **Assessment:** Two oral presentations (30%); literature review (20%) and final project (50%)

This unit of study is designed to introduce you to the field of research in education. You will develop an appreciation of the broad range of research topics in education and their associated forms of systematic inquiry. The unit will prepare you to read and interpret research, and to conduct small scale investigations in a range of contexts such as classrooms or schools, or within another setting in which learning opportunities are afforded. These settings might include online communication, outdoor education, excursions, coaching, tutoring,

#### 4. Education units of study

and informal learning associated with home and community contexts. The kinds of research questions considered might include pedagogy, curriculum, policy, and organizational issues, and might consider the perspectives of students, teachers, parents, policymakers and/or the broader community.. In preparing an individual research proposal, you will draw upon the research literature to develop your topic and to select a form of inquiry that is suited to it.

Primary students enrol in Semester 2. HMHE and Combined degree students enrol in Semester 1.

## Education Honours

### EDUF4005

#### Research Honours A

**Credit points:** 6 **Teacher/Coordinator:** Dr Jennifer Way **Session:** Semester 1 **Classes:** 2 lectures, one 1 hr tutorial and one 2 hr seminar per wk for 7 wks **Assessment:** 1. Presentation describing research project 500 wd (25%); 2. Location and review of literature 2000 wd (25%); 3. Research proposal including methodology and data collection 3000 wd (50%);

*Note: Department permission required for enrolment.*

This unit of study is designed to assist students undertaking the Honours program to understand and make links between research, teaching and learning and to develop knowledge, understanding and skills to both use research and to undertake research. In particular, this unit of study provides the skills, knowledge and understandings to prepare students to undertake, conduct and present research as part of the Honours program in semester 2. Students will build on their understanding of the research process and, in particular, of research methods used in education. It will provide an understanding of the relationships between research and practice to further develop students as informed professionals who can critically analyse, use published research and conduct research.

### EDUF4006

#### Research Honours B

**Credit points:** 6 **Teacher/Coordinator:** Dr Jennifer Way **Session:** Semester 2 **Classes:** Approx. 12 x 2 hr weekly workshops mostly with the supervisor. **Prerequisites:** EDUF4005 **Assessment:** Honours Dissertation 10000 wds

*Note: Department permission required for enrolment.*

This unit supports students in the Honours program in conducting their Honours research project and reporting it in the form of a 10,000 wd dissertation. Students work with a supervisor on their Honours research projects. This unit also aims to prepare eligible students for postgraduate research.

## Secondary: combined degrees (BEd and BA, BEd(Maths) and BSc, BEd(Sc) and BSc)

### Year 2 Professional Studies (compulsory units)

#### EDSE2001

##### Craft Knowledge and Prof Practices 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Kelly Freebody **Session:** Semester 1 **Classes:** 3 hrs/wk for 10 wks and 1 workshop **Prerequisites:** 48 credit points including 18 credit points of Education **Assessment:** Three assessment tasks including a practicum portfolio, case study analysis and teaching practice.

This unit of study explores how teachers become more aware of their professional practices and develop and refine craft knowledge. Students examine the evolving roles of teachers in the classroom, identify best teaching practices and analyse and critique a range of teaching styles, methods and strategies (including ICT) to meet the needs of students. Students learn about the roles of teachers in classrooms and examine their own emerging perceptions of self as teacher.

#### EDSE2002

##### Indigenous Education: Secondary Schools

**Credit points:** 6 **Teacher/Coordinator:** Ms Kate Keeley **Session:** Semester 2 **Classes:** 1 hr lecture and 2 hrs tutorial per week for 12 wks (36 hrs)

**Prerequisites:** 42 cpts including EDUF1018, EDUF1019 and EDSE2001 **Assessment:** There are three assessment tasks (Tutorial presentations; Essay; Resource Evaluation)

This unit acknowledges the importance of preparing teachers who have an understanding of past and contemporary experiences of Indigenous Australians. It equips students with the knowledge of culturally appropriate teaching and learning strategies and emphasises the importance of ongoing consultation with Indigenous communities.

### Year 3 Professional Studies (compulsory units)

#### EDSE3072

##### Craft Knowledge and Prof Practices 2

**Credit points:** 4 **Teacher/Coordinator:** Dr Dorothy Bottrell **Session:** Semester 2 **Classes:** 5 hrs/wk for 5 wks **Prerequisites:** 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610. **Assessment:** Two assessment tasks including a presentation and report.

This unit of study builds on the knowledge, understandings, skills and attitudes explored and developed in Craft Knowledge and Professional Practice 1 and other Education subjects. This unit of study addresses issues and challenges facing schools in relation to access, equity and diversity and how these can be addressed through policy and practice. Through reflection students are able to examine and interpret their beliefs about students, teachers, learning, teaching, schools and knowledge. Craft knowledge and professional practice is developed and refined as students use their own knowledge and experiences in professional conversations with peers and lecturers to critically analyse their own practice in conjunction with theory and research.

#### EDSE3073

##### Professional Experience A

**Credit points:** 2 **Teacher/Coordinator:** Dr Di Bloomfield **Session:** Semester 2 **Classes:** 20 days of Professional Experience **Prerequisites:** 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610 **Assessment:** Satisfies Requirements/Fail

Professional Experience is a core part of the professional preparation of teachers. It provides students with opportunities to develop their teaching skills and professional understandings. It is a pivotal opportunity for beginning teachers to experiment with, and to implement, a wide range of strategies and pedagogy that they have acquired during their university-based courses. This unit of study provides students with the opportunity to undertake a range of professional experiences in secondary schools, enabling them to explore, enact and reflect upon the links between the theory and practice of their chosen profession.

### Year 3 Curriculum Units

#### EDSE3037

##### Teaching Visual Arts 1A

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 1b **Classes:** 4 hrs/wk **Prerequisites:** 54 credit points including 24 credit points of Education including EDSE2001 and 12 senior credit pts of Art History and Theory **Corequisites:** Practical art course taken at The Tin Sheds **Assessment:** 1. Visual Art reflective Journal 2,500 wds; 2. Collaborative Group Work Case Study 2000 wds; 3. Lesson Plan Development 1500 wds.

This unit will introduce the nature and scope of Visual Art Education within NSW and in particular the NSW Visual Art 7-10 syllabus. Students will explore the limits of art education to other areas of study and examine the integration of that learning across and between visual art content areas. In addition students will consider the characteristics of diverse learners and how various socio-cultural, economic, religious and special needs aspects influence learning and teaching in the visual arts. Students will be introduced to organizing, planning and managing learning experiences based on the assessment for learning program for Stages 4 and 5 taking in consideration non-English

speaking background (NESB) students with a particular focus on classroom behaviour management.

### EDSE3038

#### Teaching Visual Arts 1B

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 1b **Classes:** 4 hrs/wk **Prerequisites:** 54 credit points including 24 credit points of Education including EDSE2001 & 12 senior credit points of Art History and Theory **Corequisites:** Practical art course taken at The Tin Sheds. **Assessment:** 1. Collaborative lesson presentation 1000 words; 2. Stage 4 Student Visual Art Study Journal, 3000 words 3. Body of Work and Peer Evaluation, 500 words.

This unit will further examine the scope and sequence of visual art education 7 - 10 and closely investigate the elective visual arts courses available for Stage 5. In addition this course will critically analyze and evaluate pedagogical models that value and foster learning through the creation of supportive, safe and caring environments. In particular it will address assessment for learning in the visual arts 7 - 10 in order to conceptualize engaging, challenging and stimulating learning activities for all students in Stages 4 and 5.

### EDSE3056

#### Teaching Visual Arts 2A

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 2 **Classes:** 36 hrs/semester **Prerequisites:** EDSE3037 and Practical art course taken at The Tin Sheds. **Corequisites:** Advanced practical art course taken at The Tin Sheds. **Assessment:** 1. Literature Review and Poster Presentation, 2500 wds; 2. Extended Unit of Work Stage 6 Prelim. 3500 wds.

This unit closely examines the nature and scope of the Stage 6 Preliminary course with an emphasis on student literacy development in and through the visual arts. In addition this unit will focus on the effective planning of assessment, evaluation and reporting in Stage 6 to encourage further learning. Students will be introduced to appropriate enquiry techniques, a range of assessment and evaluation practices and methods of reporting, which will act as a stimulus to student learning. Addressing the learning needs of a diverse range of students through the effective use of ITC is central to this course.

### EDSE3057

#### Teaching Visual Arts 2B

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 2 **Classes:** 4 hrs/wk (36 hours) **Prerequisites:** EDSE3037 and EDSE3038 and practical art course taken at The Tin Sheds **Corequisites:** Advanced practical art course taken at The Tin Sheds and EDSE3056 **Assessment:** 1. Stage 6 student Visual Art Learning Journal, 3000 wds; 2. Case Study, 1500 wds; 3. Body of Work and peer assessment, 1500 wds.

This unit builds further on the learning in EDSE3056 and provides the opportunity for an in-depth exploration of literacy and numeracy in the school curriculum. The main focus of this unit is to develop a range of strategies to identify and successfully address the literacy and numeracy needs of all learners including NESB students, those with disabilities, behaviour disorders, learning difficulties and the gifted and talented. In addition, students will further investigate a range of assessment and reporting issues in the Preliminary Stage 6 course.

### EDSE3040

#### Teaching History 1

**Credit points:** 6 **Teacher/Coordinator:** DrCarmel Fahey, Dr Tim Allender **Session:** Semester 1b **Classes:** 4 hours/week **Prerequisites:** 54 credit pts including 24 credit pts of Education including EDSE2001 and 12 Senior credit pts of History **Assessment:** Task 1- Influences, beliefs and conceptions - 50%; Task 2 - Devising a sequence of four lessons - 50%

This unit aims to prepare History Curriculum students in the theory and practice of teaching history in the secondary school. The unit draws on current research, thinking and practice in the field of history education, and relates these understandings to the realities and varying contexts of history teachers' work and instruction.

### EDSE3058

#### Teaching History 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Carmel Fahey, Dr Tim Allender **Session:** Semester 2 **Classes:** 4 hours/week (36 hours) **Prerequisites:** EDSE3040 plus 12 senior credit points of History. **Assessment:** Assessment

will be based on two pieces of work. The first focuses on peer teaching - 30%. The second assessment task requires students to collaboratively develop teaching and learning strategies around a particular approach to history teaching and learning - 70%

This Unit of Study aims to prepare History students to acquire the knowledge, skills and understandings necessary to implement the Years 7 - 10 History Syllabus, Board of Studies, NSW. The unit focuses specifically on developing a range of approaches to history teaching and learning across age and ability groups.

### EDSE3041

#### Teaching Geography 1

**Credit points:** 6 **Teacher/Coordinator:** Ms Kate Keeley **Session:** Semester 1b **Classes:** 4 hrs/wk **Prerequisites:** 54 credit points including 24 credit points of Education including EDSE2001 and 12 Intermediate credit points of Geography **Assessment:** There will be three assessment tasks (Lesson Plan Task; Teaching and Learning Folder; eLearning task).

This unit of study aims to make students confident, enthusiastic and competent teachers of Geography. This unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching Geography in Stage 4. An understanding of the NSW Board of Studies years 7-10 Geography Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Geography teaching materials. There will be an emphasis on ICT literacy and civics and citizenship education throughout the unit.

### EDSE3059

#### Teaching Geography 2

**Credit points:** 6 **Teacher/Coordinator:** Ms Kate Keeley **Session:** Semester 2 **Classes:** 4 hrs/wk **Prerequisites:** EDSE3041 Teaching Geography 1 plus 12 intermediate credit points of geography **Assessment:** There will be three assessment tasks (Group/excursion Task; eLearning Task; Literacy Task).

This unit of study will build on the study of years 7-10 Geography syllabus with an emphasis on Stage 5. This unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of Geography education in Stage 5. The unit enhances designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing students' achievement in Geography. A particular focus will be placed on the use of Geography tools and skills in teaching Years 7-10 Geography. Students will also learn to design and implement an excursion for Years 7-10. Further emphasis throughout will be placed on literacy, civics and citizenship education and ICT.

### EDSE3042

#### Teaching Drama 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael Anderson/Dr Kelly Freebody **Session:** Semester 1b **Classes:** 4 hrs/wk **Prerequisites:** 48 credit pts including 24 credit pts of Education and EDSE2001 and 12 Senior credit pts of Performance Studies **Assessment:** Assessment is based on the analysis of syllabus and support documents, development of teaching resources for 7-10 drama classes and the analysis of a professional performance.

This unit of study is the initial Drama Curriculum (method) course unit for prospective secondary Drama teachers who are in the third year of the combined BEd/BA degree program. The unit introduces the teaching Drama 7-12, with a focus on Stages 4 & 5. Students will examine the history of drama education, examine teaching strategies for playbuilding and key forms of drama. Students will begin to develop their own personal style of teaching. The emphasis in this course is upon the teaching of Drama related to the NSW Year 7 - 10 Drama Syllabus.

### EDSE3060

#### Teaching Drama 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael Anderson **Session:** Semester 2 **Classes:** 4 hrs/wk for 9 wks (36 hrs) **Prerequisites:** EDSE3042 plus 12 senior credit points of Performance Studies **Assessment:** Assessment is based on an essay on drama learning pedagogies (3000 words) and a 20 minute seminar presentation and accompanying paper relating to a Higher School Certificate topic area in drama.

This unit continues the preparation for teaching Drama 7-12, with a focus on Stage 6, Higher School Certificate Drama. Students examine

the issues relating to individual project work and the collaborative aspects of the drama syllabuses. This unit also explores issues related to assessment and programming of drama as well as exploring quality teaching in drama education. Students will deepen their understanding of the cognitive/affective development which the study of Drama anticipates, and further develop their own personal style of teaching.

#### **EDSE3043** **Teaching TESOL 1**

**Credit points:** 6 **Session:** Semester 1b **Classes:** 4 hrs/wk **Prerequisites:** 54 credit points including 24 credit points of Education and EDSE2001 plus 12 Senior credit points of either Linguistics, English, or Languages. **Assessment:** 2 major assignments and 1 minor presentation

This unit relates to the overall goal of the TESOL program, which is to provide students with both a foundation and a framework for the successful teaching of English to speakers of other languages. The unit will encourage them to make decisions about appropriate classroom strategies across the curriculum, give insight into the current debates within the field and suggest a direction for future thinking. The unit outlines the background to the teaching of English to speakers of other languages, with a focus on oral skills and design of interactive tasks.

#### **EDSE3061** **Teaching TESOL 2**

**Credit points:** 6 **Session:** Semester 2 **Classes:** 4 hrs/wk (36 hrs) **Prerequisites:** EDSE3043 Teaching TESOL 1 plus 12 Senior credit points of either Linguistics, English or Languages **Assessment:** 3 assessments and grammar test

Literacy is a key area in the learning of English as a second language. For students without a high level of literacy in the first language this can be a daunting process. There is strong evidence to suggest common underlying proficiencies in literacy between languages. Thus, the focus this semester will be on the development of literacy and teachers' knowledge of English grammar in order to help them assess students' spoken and written language and to plan appropriate teaching programs.

#### **EDSE3044** **Teaching English 1**

**Credit points:** 6 **Teacher/Coordinator:** Ms Jowen Hillyer **Session:** Semester 1b **Classes:** 1 3hr seminar and 1 lecture/wk for 8 wks **Prerequisites:** 54 Credit Points including 24 credit points of Education and EDSE2001 and 12 Senior credit pts of English or Australian Literature **Assessment:** 2 x assessments

This unit of study is the first in a suite of curriculum methodology units designed to equip you to teach secondary English 7 - 12. This unit will introduce you to the principles of teaching and learning in subject English, develop your understanding of the theories underpinning the secondary English syllabus documents and raise your awareness of the debates and issues relevant to teaching Secondary English.

#### **EDSE3062** **Teaching English 2**

**Credit points:** 6 **Teacher/Coordinator:** Ms Jowen Hillyer **Session:** Semester 2 **Classes:** 1 x 3 hr seminar and 1 lecture/wk x 9 wks **Prerequisites:** EDSE3044 plus 12 senior credit points of English **Assessment:** 2 x assessments

This unit will examine the current syllabus documents and explore the ways in which contemporary theoretical perspectives underpin and inform these. The unit will continue to examine the practical uses of information technology in teaching and learning in English.

#### **EDSE3045** **Teaching Mathematics 1A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 1b **Classes:** 3 hours/week **Prerequisites:** 54 credit points including 24 credit points of Education and EDSE2001 and 12 credit points of Intermediate Mathematics **Assessment:** 1. Evaluating and planning units and lessons (3000 wds). 2. Developing further lessons (3000 wds).

This unit of study, the first in the sequence over Year 3 and 4 of the double degree, allows double and single mathematics method students to become aware of a number of basic issues encountered by

mathematics teachers in the secondary school. Emphasis is placed on the design of effective lessons in Years 7-10, focussing on Working Mathematically, Number, and Patterns and Algebra.

#### **EDSE3046** **Teaching Mathematics 1B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 1b **Classes:** 3 hrs/wk **Prerequisites:** 54 credit points including 24 credit points of Education and EDSE2001 and 12 credit points of Intermediate Mathematics. **Corequisites:** EDSE3045 **Assessment:** 1. Identifying and reviewing a selection of journal articles that relate to a specific topic from the syllabus or to a current issue in mathematics education (2500 wds). 2. Designing a portfolio of rich problems for a particular stage (3500 wds).

This unit of study focuses on the role of the mathematics teacher in the classroom, with particular emphasis on the junior high school years. It is intended to provide the student with techniques for constructing rich learning environments for students in the early years of high school. Particular types of assessment tasks are examined that focus on problem solving and investigations.

#### **EDSE3063** **Teaching Mathematics 2A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 2 **Classes:** 3 hrs/wk (27 hrs) **Prerequisites:** EDSE3045 plus 12 credit points of intermediate mathematics or statistics **Assessment:** 1. Planning technology lessons (2000 words); 2. Planning a unit of work from either the Data, Measurement, or Space and Geometry strands of the Mathematics Years 7-10 Syllabus and designing appropriate assessment approaches (4000 words).

This unit of study focuses on the learning and teaching of Data, Measurement, Space and Geometry in Years 7-10. The nature of geometric proof is explored in detail and the teaching of this notion based on recent research is examined. The place of appropriate technology in the teaching and learning of secondary mathematics is examined. Assessment approaches are explored including formal and informal strategies.

#### **EDSE3064** **Teaching Mathematics 2B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 2 **Classes:** 3 hrs/wk (27 hrs) **Prerequisites:** EDSE3045, EDSE3046 and 12 credit points of intermediate mathematics or statistics **Corequisites:** EDSE3063 **Assessment:** 1. Presenting a teaching and learning activity for either Data, Measurement or Space and Geometry (2500 wds). 2. Reviewing the literature on gifted and talented students or students with special learning needs and designing appropriate tasks.

Assessment strategies for these children are examined closely as part of the learning experience, together with Department of Education and Training policy for measuring and recording formative assessment tasks.

#### **EDSE3047** **Teaching Languages 1A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 1b **Classes:** 3 hours/week **Prerequisites:** 54 credit points including 24 credit points of Education and EDSE2001 plus 12 credit points of Intermediate Languages **Assessment:** Assessment will be based on one essay, lesson planning and reflection within a portfolio.

This unit of study is the initial Languages Curriculum (method) course unit for prospective secondary languages other than English teachers who are in the third year of the combined Bachelor of Education/Bachelor of Arts degree program. The unit is designed to introduce pre-service languages teachers to key concepts and understandings of languages education and build their awareness and skills in preparation for NSW secondary classrooms during School Experience 1. Students will gain broad understandings about the nature and scope of teaching of languages other than English education in the NSW context, about traditional and more contemporary and innovative classroom practices and particular aspects of policy and Board of Studies documentation. Students begin a "journey" of reflection on their knowledge and practice of languages education.

**EDSE3048****Teaching Languages 1B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 1b **Classes:** 1 hour class plus guided reading tasks **Prerequisites:** 54 credit points including 24 credit points of Education and EDSE2001 plus 12 credit points of Intermediate Languages **Corequisites:** EDSE3047 **Assessment:** Assessment will be based on email reflection statements, lesson planning and a portfolio.

This unit of study is the initial Languages Curriculum (method) course unit for prospective secondary languages other than English teachers who are in the third year of the combined BEd/BA degree program and who have two languages as teaching methods. The unit is designed to introduce pre-service languages teachers to key concepts and understandings of languages education and build their awareness and skills in preparation for NSW secondary classrooms during School Experience 1. Students will gain broad understandings about the nature and scope of teaching of languages other than English education in the NSW context, about traditional and more contemporary and innovative classroom practices and particular aspects of policy and Board of Studies documentation. Students begin a "journey" of reflection on their knowledge and practice of languages education.

**EDSE3065****Teaching Languages 2A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 2 **Classes:** 3 hrs/wk **Prerequisites:** EDSE3047 and 12 senior credit points of languages **Assessment:** Assessment will be based on three assignments: assessment task; design/make/appraise a language teaching resource; portfolio.

This unit is designed to build on curriculum unit Teaching Languages 1A and on understandings developed during the first school experience practicum session. With their deepening knowledge of the theory and the practices of the languages other than English classroom, pre-service languages teachers will investigate issues in languages curriculum design and development. Students continue on their "journey" of reflection on knowledge and reflection on their profession. With their deepening knowledge of the theory and the practices of the languages other than English classroom, pre-service languages teachers will investigate issues in languages curriculum design and development. Students continue on their "journey" of reflection on knowledge and reflection on their profession.

**EDSE3071****Teaching Languages 2B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 2 **Classes:** 1 hr per wk plus guided reading tasks **Prerequisites:** EDSE3047 and EDSE3048 and 12 senior credit points of languages **Corequisites:** EDSE3065 **Assessment:** Assessment will be based on three tasks: assessment task; portfolio; and reflection notes after interview with language learner in the community.

This unit is designed for pre-service language teachers continuing with their curriculum method study in a second target language. The unit will continue to build pre-service language teachers' awareness, skills and understandings in languages education. Given the opportunity to spend more time on task through online guided readings, pre-service language teachers will develop understandings about languages policy and planning and how it links to school implementation of languages programs and particular aspects of policy.

**EDBT5610****Classical Hebrew & Judaism Curriculum 1**

**Credit points:** 6 **Teacher/Coordinator:** Susi Brieger **Session:** Semester 1b **Classes:** 4 hrs per wk for 9 wks (36 hours) **Prerequisites:** 54 credit points including 24 credit points of Education and EDSE2001 plus 12 Credit points of senior Classical Hebrew and 12 credit points of senior Jewish Civilisation, Thought and Culture **Assessment:** Assessment will consist of lesson plans, unit of study and Reflective Journal and Resource Folder

This unit of study is the first in a series designed for students who intend to teach Judaic Studies within relevant syllabuses in Stages 4 and 5 and the NSW Board of Studies Classical Hebrew Stage 6 Continuers and Extension Syllabus. The unit develops foundational

skills for classroom teaching of Judaism. The unit also introduces students to the socio-historic development of Jewish education in Australia, providing an understanding of local context.

**EDBT5660****Classical Hebrew & Judaism Curriculum 2**

**Credit points:** 6 **Teacher/Coordinator:** Susi Brieger **Session:** Semester 2 **Classes:** 4 hrs per wk for 9 wks (36 hours) **Prerequisites:** EDBT5610 Classical Hebrew & Judaism Curriculum 1 **Assessment:** Assessment will consist of School visit assignment, Vision Statement and Unit of Work

This unit of study is the second in a series for students who wish to teach NSW Board of Studies Stage 6 Syllabus, Classical Hebrew Continuers and Extension courses and Judaic Studies content in Stages 4-5. The unit focuses on specialised pedagogy of the discipline and continues to build on teaching skills as they apply to this area.

**EDSE3050****Teaching Commerce/Economics 1**

**Credit points:** 6 **Teacher/Coordinator:** Ms Kate Keeley **Session:** Semester 1b **Classes:** 4 hrs/wk **Prerequisites:** 54 credit points including 24 credit points of Education and EDSE2001 and 12 Intermediate credit points of Economics or Political Economy **Assessment:** There will be three assessment tasks.

This unit of study aims to make students confident, enthusiastic and competent teachers of Commerce/Economics. This unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching Commerce in Stage 4. An understanding of the NSW Board of Studies Years 7-10 Commerce syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Commerce teaching materials. There will be an emphasis on ICT, literacy and civics and citizenship education throughout the unit.

**EDSE3067****Teaching Commerce/Economics 2**

**Credit points:** 6 **Teacher/Coordinator:** Ms Kate Keeley **Session:** Semester 2 **Classes:** 4 hrs/wk **Prerequisites:** EDSE3050 Teaching Commerce/Economics 1 and 12 intermediate credit points of economics or political economy **Assessment:** There will be three assessment tasks (Excursion Task; eLearning Task; Consumer and Financial Literacy Resource Task)..

This unit of study will build on the study of years 7-10, Commerce syllabus with an emphasis on Stage 5. This unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of Commerce education in Stage 5. The unit enhances designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing students' achievement in Commerce. The unit will also focus on the National Consumer and Financial Literacy Framework. Students will also learn to design and implement an excursion for Years 7-10. Further emphasis throughout will be placed on civics and citizenship education and ICT.

**EDSE3051****Teaching Science 1 (Core)**

**Credit points:** 6 **Teacher/Coordinator:** Tony Sperring **Session:** Semester 1b **Classes:** 5 hrs/wk **Prerequisites:** 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate credit points in one Science Area (either Chemistry, Biology, Geology or Physics) + 6 credit points in 2nd Science area either Chemistry, Physics, Biology or Geology. **Assessment:** Assessment will be based on a professional portfolio, an assignment and a class presentation.

This unit of study is the initial Science Curriculum (method) core course unit for prospective secondary Science teachers who are in the third year of the combined BEd/BSc degree program. The unit is designed to introduce students to contemporary ideas on the nature and practice of science education in the context of schooling, the aims of secondary science education and their implementation, the nature of the school science curriculum with particular emphasis on Australian secondary science curricula and the research, skills, resources and challenges that provide the contexts for contemporary science teaching and learning. The unit addresses Science curricula 7 - 12 with a particular focus on the NSW Science 7-10 syllabus.



### EDSE3068

#### Teaching Science 2 (Core)

**Credit points:** 6 **Teacher/Coordinator:** Mr Tony Sperring **Session:** Semester 2 **Classes:** 4 hrs/wk (36 hrs) **Prerequisites:** EDSE3051 Teaching Science 1 (Core) and 12 intermediate credit points of science **Assessment:** Assessment will be based on one assignment, a group seminar presentation and a professional portfolio.

This unit of study builds upon the work done in the prerequisite course Teaching Science 1 (Core). The unit is designed to develop students' understandings of: i. the nature of science teaching and children's learning of science, in the context of contemporary research and classroom practices, ii. the planning of science teaching and learning activities, in individual lessons and units of work, iii. the interpretation and implementation of syllabus aims, objectives, outcomes and content guidelines as well as school and system policies and regulations, iv. the integration of individual science disciplines within a multidisciplinary science curriculum.

### EDSE3074

#### Teaching Science Elective 1

**Credit points:** 6 **Teacher/Coordinator:** Mr Tony Sperring **Session:** Semester 1 **Classes:** 4 - 5 hrs/wk for 8 wks or 6 hrs/wk for 6 wks (36 hrs) **Prerequisites:** 24 cpts of Education uos, 12 cpts in either Chemistry or Physics, and 12 Intermediate cpts in at least one of the Science discipline areas (Biology, Chemistry, Geology or Physics) **Corequisites:** EDSE3051 **Assessment:** Assessment will be based upon 2 assignments (a Stage 6 Science teaching aid/presentation and a Stage 6 Science module unit plan).

In this unit of study candidates will select to study teaching, learning and curriculum issues in one of the senior school Stage 6 Science syllabuses from those which are offered as choices (strands) this semester within this unit of study (contact Faculty of Education & Social Work to ascertain which strands are offered in each session in any one year.).

### EDSE3075

#### Teaching Science Elective 2

**Credit points:** 6 **Teacher/Coordinator:** Mr Tony Sperring **Session:** Semester 2 **Classes:** 4-5 hrs/wk for 8 wks (36 hrs) **Prerequisites:** 24 cpts of Education uos, EDSE3051, 12 cpts in either Chemistry or Physics and 12 Intermediate cpts in at least one of the Science discipline areas (Biology, Chemistry, Geology or Physics). **Assessment:** Assessment will be based upon 2 assignments (a Stage 6 Science teaching aid/presentation and a Stage 6 Science module unit plan).

In this unit of study candidates will select to study teaching, learning and curriculum issues in one of the senior school Stage 6 Science syllabuses from those which are offered as choices (strands) this semester within this unit of study (contact Faculty of Education & Social Work to ascertain which strands are offered in each session in any one year.).

## Year 4 Professional Studies (compulsory units)

### EDSE4042

#### Craft Knowledge and Prof Practices 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael Anderson **Session:** Semester 1 **Classes:** 5 hrs/wk for 6 wks and 2 three hr workshops (36 hrs) **Prerequisites:** 108 credit points including 30 credit points of Education, EDSE3073, EDSE2001, EDSE3072 and two of the following EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3071, EDSE3066, EDSE3067, EDSE3068, EDBT5660 **Assessment:** 1. Web-based discussion, 2. Presentation and narrative, 3. Report.

This unit of study focuses on practice, theory and research for beginning teachers in classrooms, schools and the wider educational community in relationship with the standards of teaching and the importance of evidence-based teaching for individual and collective change and improvement. This unit of study is integrated with professional experience and explores issues, dilemmas and challenges for beginning teachers.

### EDSE4043

#### Professional Experience B

**Credit points:** 2 **Teacher/Coordinator:** Dr Di Bloomfield **Session:** Semester 1 **Classes:** 25 days Professional Experience **Prerequisites:** 108 credit points including 30 credit points of Education, EDSE2001, EDSE3072, EDSE3073 and two of the following: EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3071, EDSE3066, EDSE3067, EDSE3068, EDBT5660 **Corequisites:** EDSE4042 and EDSE4044 **Assessment:** Satisfies Requirements / Fail aligned with the NSW Institute of Teachers Professional Standards for the Graduate Teacher

This unit of study provides students with the opportunity to undertake a range of professional experiences in secondary schools, enabling them to explore, enact and reflect upon the links between the theory and practice of their chosen profession. This unit of study is the second school experience in the program, and the final fully supervised practicum before the Internship. In this unit of study, students have a more extended period of time in a school and begin to assume a greater awareness of the diversity of students in their classes. They will be expected to be more aware of the community beyond the school.

### EDSE4044

#### Information Technology in Schools

**Credit points:** 4 **Teacher/Coordinator:** Dr Chun Hu **Session:** Semester 2 **Classes:** 20 hrs: 2 hrs per wk over 10 wks **Prerequisites:** 108 credit points including 30 credit points of Education. EDSE2001, EDSE3072 and two of EDSE4021, EDSE4022, EDSE4023, EDSE4024, EDSE4025, EDSE4026, EDSE4027, EDSE4028, EDSE4029, EDSE4031, EDSE4032, EDSE4033, EDSE4034, EDSE4035. EDSE4041 and EDBT6610 **Corequisites:** EDSE4042, EDSE4043 **Prohibitions:** EDSE4038 **Assessment:** Assessment will be based on: the creation of web-based learning activities.

The unit will provide students with a conceptual ICT framework that builds on the knowledge and skills relevant to information and communication technologies used within subject specific curriculum areas. The unit considers the principles of teaching and learning from the perspective of integrating ICT into the teaching/learning process. By immersing the use of ICT tools with multimedia learning, this unit will provide students with hands-on experiences in ICT and curriculum.

## Year 4 Curriculum Units

### EDSE4021

#### Teaching Visual Arts 3A

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 1 **Classes:** 4 hrs/wk (36 hrs) **Prerequisites:** EDSE3037 and EDSE3056 **Corequisites:** EDSE4042, EDSE4043 and EDSE4044 **Assessment:** 1. Visual Art body of work and VAPD, 4000 wds; 2. Essay, 2000 wds.

This unit of study aims to introduce art education issues, perspectives and skills development with a specific focus on the Stage 6 HSC program. Constructing a body of work will create personal learning experiences that will act as an impetus for further critical examination of learning and teaching in and through the visual arts. In addition students will collaboratively explore and critically analyze and evaluate the impact of indigenous Aboriginal history, cultures and perspectives on education and propose effective teaching strategies to address some of these issues.

### EDSE4022

#### Teaching Visual Arts 3B

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 1 **Classes:** 4 hrs/wk **Prerequisites:** EDSE3037, EDSE3038, EDSE3056, EDSE3057 and Practical art course taken at The Tin Sheds. **Corequisites:** EDSE4021, EDSE4042, EDSE4043, EDSE4044 and Advanced practical art course taken at The Tin Sheds. **Assessment:** 1. Stage 6 Program of Learning, 2500 wds 2. Essay, 3500 wds.

This unit of study further explores issues and perspectives of the Stage 6 HSC course. In particular the focus will be on examination preparation and assessment for learning. The students will also investigate the relationship of teachers to the wider community and further their understanding of professional communities within and



external to the school environment and how they can contribute to these communities.

### EDSE4023

#### Teaching History 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Carmel Fahey, Dr Tim Allender  
**Session:** Semester 1 **Classes:** 4 hrs/wk **Prerequisites:** EDSE3040 and EDSE3058 **Corequisites:** EDSE4042, EDSE4043 and EDSE4044  
**Assessment:** Assessment will be based on two class presentations (30%), planning a unit outline and the mapping of appropriate teaching and assessment strategies (70%).

This unit aims to equip students to teach the skills and understandings underpinning Board of Studies Stage 6 history syllabuses. The unit also explores the realities of teaching students at this level, and the various ways in which higher-order skills may be developed in response to the demands of the Extension History Syllabus.

### EDSE4024

#### Teaching Geography 3

**Credit points:** 6 **Teacher/Coordinator:** Ms Kate Keeley **Session:** Semester 1 **Classes:** 4 hrs/wk **Prerequisites:** EDSE3041 Teaching Geography 1 & EDSE3059 Teaching Geography 2 **Corequisites:** EDSE4042, EDSE4043 and EDSE4044 **Assessment:** There will be three assessment tasks (Preliminary/HSC Assessment Task; Senior Geography Project Task; Teaching and Learning Folder).

This unit of study will focus on teaching the Geography Syllabus for Years 11-12. In this unit students will study particular issues facing students studying for the HSC in NSW schools. Students will build on their previous studies in years 7-10 Geography and further develop teaching strategies, resources and assessment techniques for teaching Stage 6 Geography. Added emphasis will be placed on assessment strategies and programs for the Preliminary/HSC course in Geography focusing on NSW Board of Studies requirements. Additional emphasis will be placed on strategies, skills and resources for both fieldwork and the senior Geography Project. Students will also look at the ways the study of geography for the HSC can lead to various post school destinations, Professional association membership and HSC marking will be promoted throughout this unit.

### EDSE4025

#### Teaching Drama 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael Anderson **Session:** Semester 1 **Classes:** 4 hrs/wk **Prerequisites:** EDSE3042 and EDSE3060 plus 12 credit pts of Performance Studies **Corequisites:** EDSE4042, EDSE4043 and EDSE4044 **Assessment:** Assessment is based on the preparation and analysis of their own performance in a public venue and on research based on teaching of an individual project area related to the NSW HSC drama course.

This unit continues preparing students for the teaching of secondary Drama. The course will extend the students' experience in teaching devised performance. Students work with critical friends and mentors, collaborating with schools and other educational institutions, critically reflecting on their own and other people's work. Students undergo a group performance project where they learn of the rigorous nature of teaching collaborative drama experientially.

### EDSE4026

#### Teaching TESOL 3

**Credit points:** 6 **Session:** Semester 1 **Classes:** 14 x 2 hr sem/workshops  
**Prerequisites:** EDSE3043 and EDSE3061 **Corequisites:** EDSE4042, EDSE4043 and EDSE4044 **Assessment:** 2 assessments and bookclub presentation

The role of the TESOL teacher has become increasingly complex. Graduates may be working with adults or with teenagers in Australia or overseas and across disciplines or curricula. Traditional career pathways no longer exist as teachers are expected to have the flexibility and knowledge base to adapt to a wide variety of contexts. They need an understanding of students' cultural backgrounds and skills in intercultural communication.

### EDSE4027

#### Teaching English 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Jacqueline Manuel **Session:** Semester 1 **Classes:** 1 x 3hr seminar and 1 lecture/wk x 6 wks and 1 module research study (8 hrs) **Prerequisites:** EDSE3044 and EDSE3062 **Corequisites:** EDSE4042, EDSE4043 and EDSE4044 **Assessment:** 2 x assessments

This unit is designed to develop your understanding, knowledge and pedagogical skills in teaching a wide range of texts in English 7 - 12. There is an emphasis on theory in practice, wide reading and film, media and multi-media in English 7 - 12. The sessions will be approached as workshops during which you will be expected to contribute to whole class and small group collaborative tasks.

### EDSE4028

#### Teaching Mathematics 3A

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 1 **Classes:** 3 hrs/wk **Prerequisites:** EDSE3045 and EDSE3063 **Corequisites:** EDSE4042, EDSE4043 and EDSE4044 **Assessment:** 1. Researching and presenting a particular aspect of research in mathematics education that relates to the teaching of General Mathematics for HSC (2500 wds); 2. Researching and writing a paper on a key aspect of mathematics learning. (3500 wds)

This unit concentrates on the General Mathematics course which attracts half of the students in Years 11 and 12 and was first examined in the 2001 HSC. The pedagogy for this unit requires teachers to be confident in using graphic calculators and spreadsheets where required. Outcomes Based Assessment is examined in relation to its use in the new HSC. Particular aspects of mathematics education research are explored, including introducing calculus, and the implications of these for teachers in classrooms is considered.

### EDSE4029

#### Teaching Mathematics 3B

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 1 **Classes:** 3 hrs/wk **Prerequisites:** EDSE3045, EDSE3046, EDSE3063 and EDSE3064 **Corequisites:** EDSE4028, EDSE4042, EDSE4043 and EDSE4044 **Assessment:** 1. Researching & presenting a topic from a calculus based course that includes teaching ideas (2500 wds). 2. Interviewing students & teachers about attitudes to learning mathematics and writing a brief report on the findings in relation to the literature (3500 wds).

This unit of study focuses on the role of the mathematics teacher in the senior classroom. It is intended to provide the student with techniques for constructing rich learning environments for students in the senior years of high school in preparation for the HSC. Assessment strategies are examined closely as part of the learning experience of students, together with Board of Studies requirements for measuring and recording formative assessment tasks. Technology as a tool for teaching senior mathematics is integrated into the unit.

### EDSE4030

#### Teaching Languages 3A

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 1 **Classes:** 3 hrs/wk **Prerequisites:** EDSE3047 and EDSE3065 **Corequisites:** EDSE4042, EDSE4043 and EDSE4044 **Assessment:** Assessment will be a unit of work programme, a portfolio and a languages action research plan.

This unit is designed to build on curriculum unit EDSE3065 Teaching Languages 2A, to prepare pre-service teachers for, and guide them through, School Experience 2, in preparation for later Internships. Students examine wider related issues for languages education, honing skills, understandings and competencies for future employment and preparing for lifelong learning through continued participation in professional development activities. Students continue on their "journey" of reflection on languages education and prepare for a lifelong professional development in languages education.

### EDSE4031

#### Teaching Languages 3B

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 1 **Classes:** 1 hour/week plus guided reading tasks **Prerequisites:** EDSE3047, EDSE3048, EDSE3065 and EDSE3071 **Corequisites:** EDSE4030, EDSE4042, EDSE4043 and EDSE4044 **Assessment:** Assessment will be a unit of work programme for their additional language, a parent newsletter and a portfolio.

#### 4. Education units of study

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This unit is designed for pre-service language teachers continuing with their curriculum method study in a second target language. The unit will continue to build pre-service language teachers' awareness, skills and understandings in languages education, and introduce them to various aspects of research within the languages education arena.

##### **EDBT6610**

##### **Classical Hebrew & Judaism Curriculum 3**

**Credit points:** 6 **Teacher/Coordinator:** Susi Brieger **Session:** Semester 1 **Classes:** 4 hrs per wk for 9 wks (36 hrs) **Prerequisites:** EDBT5660 Classical Hebrew & Judaism Curriculum 2 **Assessment:** term long unit of study and lesson plan and presentation

This is an advanced unit of study for students who wish to implement the NSW Classical Hebrew Stage 6 Syllabus and to teach Judaism content in related areas. It builds on the skills, knowledge and understandings developed in Classical Hebrew and Judaism 1 and 2. Students examine the challenges of the subject and engage in a critical reflection of the issues inherent in the teaching of sacred texts. The unit develops advanced skills for classroom teaching as well as specialised methods for the teaching of Classical Hebrew.

##### **EDSE4033**

##### **Teaching Commerce/Economics 3**

**Credit points:** 6 **Teacher/Coordinator:** Ms Kate Keeley **Session:** Semester 1 **Classes:** 4 hrs/wk **Prerequisites:** EDSE3050 and EDSE3067 **Corequisites:** EDSE4042, EDSE4043 and EDSE4044 **Assessment:** There will be three assessment tasks (Preliminary/HSC Assessment Task; Case Study Task; Teaching and Learning Folder).

This unit of study will focus on teaching the Economics Syllabus for Years 11-12. In this unit students will study particular issues facing students studying for the HSC in NSW schools. Students will build on their previous studies in Years 7-10 Commerce and further develop teaching strategies, resources and assessment techniques for teaching Stage 6 Economics. Added emphasis will be placed on assessment strategies and programs for the preliminary/HSC course in Economics focusing on NSW Board of Studies requirements. Students will also look at the ways the study of Economics for the HSC can lead to various post school destinations. Professional association membership and HSC marking will be promoted throughout this unit.

##### **EDSE4034**

##### **Teaching Science 3 (Core)**

**Credit points:** 6 **Teacher/Coordinator:** Mr Tony Sperring **Session:** Semester 1 **Classes:** 4 hrs/wk **Prerequisites:** EDSE3051 and EDSE3068 **Corequisites:** EDSE4042, EDSE4043 and EDSE4044 **Assessment:** Assessment will be based on an essay and a class presentation

The unit is designed to enable students to investigate current research in the nature of children's learning in science, contemporary science curricula, the teaching of science in the secondary school, and the relevance and impact of across-curriculum perspectives on the nature and implementation of science curricula. Each student is to investigate and report on a particular issue in science education, teaching and learning.

##### **EDSE4035**

##### **Teaching Science 4 (Sci Hist & Phil)**

**Credit points:** 6 **Teacher/Coordinator:** Mr Tony Sperring **Session:** Semester 1 **Classes:** 4 hrs/wk **Prerequisites:** EDSE3051 and EDSE3068 **Corequisites:** EDSE4042, EDSE4043 and EDSE4044 **Assessment:** Assessment will be based on an essay

This unit of study is a double method course unit. An understanding of the nature of science ought to inform beliefs, practices and policies related to science and technology education in school (and beyond). Teachers of science need to develop an awareness of the pitfalls associated with uninformed views about the history and philosophy of science, particularly as they are now required to focus on both the history of science and the nature and practice of science in the development of teaching programs for the new school science syllabuses in NSW and in other systems' syllabuses. In this unit of study students will examine contemporary issues from the history, philosophy and sociology of science and their relevance to school

science teaching and learning, and science curriculum design and implementation.

##### **EDSE4075**

##### **Teaching Science Elective 3**

**Credit points:** 6 **Teacher/Coordinator:** Mr Tony Sperring **Session:** Semester 1 **Classes:** 4 -5 hrs/wk for 8 wks or 6 hrs/wk for 6 wks (36 hrs) **Prerequisites:** 24 cpts of Education uos, EDSE3051, 12 cpts in either Chemistry or Physics and 12 intermediate cpts in at least one of the Science discipline areas (Biology, Chemistry, Geology or Physics) **Assessment:** Assessment will be based upon 2 assignments (a Stage 6 Science teaching aid/presentation and a Stage 6 Science module unit plan)

In this unit of study candidates will select to study teaching, learning and curriculum issues in one of the senior school Stage 6 Science syllabuses from those which are offered as choices (strands) this semester within this unit of study (contact Faculty of Education and Social work to ascertain which strands are offered in each session in any one year).

#### Year 5 Professional Studies (compulsory units)

##### **EDSE5008**

##### **Internship**

**Credit points:** 6 **Teacher/Coordinator:** Dr Di Bloomfield **Session:** Semester 1 **Classes:** 30 days in school experience/18 to 20 periods/week **Prerequisites:** 144 credit points including 78 of Education and (EDSE3055 or EDSE3073) and (EDSE4040 or EDSE4043) **Assessment:** Assessment is based on a satisfactory report from the supervising school and the Tertiary Mentor (Satisfies requirements/Fail) aligned with the NSW Institute of Teachers Professional Standards for the Graduate Teacher

This final Internship is a bridge between the ending of preservice professional preparation and the first year of teaching. Under the guidance of the Mentor, Interns will gain knowledge and experience of all facets of the role of the teacher in the school and prepare themselves as thoroughly as possible for commencing to teach.

#### Year 5 Curriculum Units

##### **EDSE5001**

##### **TESOL as a Third Teaching Area**

**Credit points:** 12 **Session:** Semester 1 **Classes:** 6 hrs/wk **Prerequisites:** 144 credit points including 78 credit points of Education and 24 credit points of English, Linguistics or a Language other than English **Corequisites:** EDSE5008 and EDSE5009 **Assessment:** 2 presentations; observation report; design of teaching materials; grammar test.

This unit of study aims to develop students' understanding of second language acquisition research and its implications for the teaching and learning of second language learners. The unit will link fieldwork with an exploration of current language education research. The unit has relevance for teaching in Australia and overseas and focuses on the development of communicative competence. The unit is closely connected with EDSE5009 TESOL Professional Experience.

##### **EDSE5009**

##### **TESOL Professional Experience**

**Credit points:** 6 **Teacher/Coordinator:** Dr Di Bloomfield **Session:** Semester 1 **Classes:** 15 days Professional Experience **Prerequisites:** 144 credit points including 78 credit points of Education and 24 Credit Points from English, Linguistics and/or a Language other than English **Corequisites:** EDSE5001 and EDSE5008 **Assessment:** Students will be assessed as 'Satisfies Requirements' or 'Fail' in meeting requirements aligned with the NSW Institute of Teachers Professional Standards for the Graduate Teacher. The criteria will include a consideration of planning based on clear principles and a sound grasp of relevant content; preparation taking into account the demands of the syllabus and the nature of the students.

This unit of study will link fieldwork in schools and intensive language centres with an exploration of current language education research. Students will develop skills in linking their assessment of the abilities and needs of teenage and adult learners of English with programming. This unit aims to develop students' professional understanding and expertise as second language educators. It has relevance for teaching in Australia and overseas and focuses on the development of communicative competence.

**EDSE5010****Meeting the Needs of Cultural Diversity**

**Credit points:** 12 **Teacher/Coordinator:** Ms Kate Keeley **Session:** Semester 1 **Classes:** 6 hrs/wk **Prerequisites:** 144 credit points including 78 credit points of Education **Corequisites:** EDBT5000 and EDSE5008 **Assessment:** There will be three assessment tasks (In Class Activity; School Report; Research Essay)

This unit of study will focus on a range of culturally specific teaching and learning strategies aimed at increasing the ability of students to engage and motivate school students from diverse cultures, including Aboriginal culture. The unit will involve exploring some of the major issues confronting teachers, schools, communities and involve interaction with appropriate communities as a precursor to working with school students in a range of culturally appropriate settings. The unit will involve working with resource staff from the Faculty's partnership regions and schools.

**EDGU2000****Teaching English Internationally 1**

**Credit points:** 6 **Session:** Semester 1 **Classes:** 3 hrs/wk. **Prerequisites:** 144 credit points including 78 credit points of Education **Corequisites:** EDSE5008 and EDBT5000 **Assessment:** 1 hr exam, seminar presentation (1,500 wds), discussion room (1,000 wds), developing oral/interactive tasks (2,500 wds).

The rapid expansion of English as a global language has led to a demand for graduates across a range of disciplines to have skills and expertise in English language teaching. This unit aims to introduce theory, concepts and practices in teaching English. The unit will focus on developing participants' knowledge and understanding of English language teaching and learning to international students in Australia and in primary, secondary and tertiary contexts overseas. The unit will develop understanding of second language learning and intercultural skills. It requires an interest in but not a specific background in teaching and languages.

**EDGU3000****Teaching English Internationally 2**

**Credit points:** 6 **Session:** Semester 1 **Classes:** 3 hrs/wk **Prerequisites:** 144 credit points including 78 credit points of Education **Corequisites:** EDGU2000, EDSE5008 and EDBT5000 **Assessment:** Seminar presentation (1,500 -2000 wds); reflective report (2,000 wds) and unit of work (2,000 wds)

The rapid expansion of English as a global language has led to a demand for graduates across a range of disciplines to have an understanding of international Englishes and expertise in English language teaching. This unit aims to extend participants' knowledge and understanding of English language teaching and learning to international students in Australia and in primary, secondary and tertiary contexts overseas. The unit will develop understandings of systems of English grammar, testing and assessment in TESOL and curriculum development and evaluation. It requires an interest in but not a specific background in teaching and languages.

**EDBT5000****International Curriculum**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nigel Bagnall **Session:** Semester 1 **Classes:** 36 hrs: 4 hrs/wk for 9 wks **Prerequisites:** 144 credit points including 78 credit points of Education **Corequisites:** EDSE5008 and (EDGU2000 and EDGU3000) or EDSE5010 **Assessment:** Assessment will be based on two assignments: (i) a 4000 word curriculum-focused activity, (ii) peer critique/reflection and workshop paper 800-1000 wds, including workshop participation.

This unit of study is designed to meet the needs of prospective teachers of internationally recognised senior secondary school curriculum particularly the International Baccalaureate, and those who aspire to teach in educational jurisdictions outside Australia.

The unit is designed to enable students to develop a knowledge and understanding of: the nature and role of international curricula in the education of secondary school children; international benchmarks in secondary school education; the role of the International Baccalaureate in secondary education in Australia and internationally, teaching and learning for the International Baccalaureate (IB) and other international curricula including Advanced Placement (AP) and Scholastic Aptitude

Test (SAT), assessment and evaluation for the International Baccalaureate.

**BEd (Secondary: Human Movement and Health Education)****Year 1 Curriculum and Professional Studies****EDUH1005****Professional Practice in PDHPE 1**

**Credit points:** 6 **Teacher/Coordinator:** Ms Louisa Peralta **Session:** Semester 1 **Classes:** 3 hrs/wk for 12 wks and 20 days teaching practicum (5 days dispersed and 15 days as a block) **Assessment:** 1. PDHPE - The big picture (25%); 2. Unit outline and lesson plans (40%); 3. Reflective practicum portfolio (35%); 4. Professional Experience (Pass/Fail)

This unit of study is the first of four that examines pedagogical, curriculum and professional practices in K-10 Personal Development, Health and Physical Education (PDHPE). This unit of study will develop students' understanding of what it is to be a teacher within a specific PDHPE context. The unit will examine the current NSW Board of Studies' requirements regarding K-6 PDHPE and will focus on the primary school learning and teaching environment. Through an examination of the K-6 syllabus, modules and support documents, students will develop the necessary skills to design and deliver appropriate teaching experiences for a specific stage of learner. The unit is linked to 20 days Professional Experience in a Primary school.

**EDUH1006****Identifying Health Determinants**

**Credit points:** 6 **Session:** Semester 2 **Classes:** 3hrs/wk for 12 wks **Prerequisites:** EDUH1005 **Assessment:** Health Priority Group Project (30%); Online assessments (30%) and Health Promotion Report (40%).

This unit of study is the first of four that examines pedagogical, curriculum and professional practices in K-10 Personal Development, Health and Physical Education (PDHPE). This unit of study will develop students' understanding of what it is to be a teacher within a specific PDHPE context. The unit will examine the current NSW Board of Studies' requirements regarding K-6 PDHPE and will focus on the primary school learning and teaching environment. Through an examination of the K-6 syllabus, modules and support documents, students will develop the necessary skills to design and deliver appropriate teaching experiences for a specific stage of learner. The unit is linked to a 15 day Professional Experience in a Primary school.

**EDUH1007****Pedagogy for Physical Education 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Wayne Cotton **Session:** Semester 2 **Classes:** 3 hrs/wk for 12 wks **Prerequisites:** EDUH1005 **Assessment:** Pedagogy essay (30%), Lesson plan and presentation (40%), Pedagogy exam (30%)

This unit of study is the first of five units on pedagogy in physical education. The five units move pre-service along a spectrum of teaching styles ranging from teacher-centred to student-centred styles. This journey exposes them to the need for teachers to be able to select and employ the appropriate approach. The unit of study follows on from the introduction to pedagogy delivered in Semester 1 in Professional Practice in PDHPE1 and concentrates on the teacher-centred end of the spectrum. It thus focuses on topics and content that can be seen as requiring more teacher-centred teaching due to safety considerations and the nature of the activities being learnt. To this end pedagogy is studied in relation to motor learning theory as manifested in the Fundamental Motor Skills (FMS) and which is part of the NSW K - 6 PDHPE syllabus. The unit also examines how less teacher-centred approaches can be employed when teaching track and field and gymnastics. This unit also introduces teaching strategies to accommodate the needs of all students including those from different backgrounds.

### EDUH1017

#### Sports Mechanics

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1hr lectures, one 2hr tutorial, one 2hr practical. **Prohibitions:** PHYS1001, PHYS1002, PHYS1901 **Assumed knowledge:** No assumed knowledge of Physics **Assessment:** Laboratory (20%), report (10%), assignments (5%), progressive test (5%), final exam (60%).

This unit of study at Junior level is designed specifically for BEd(Secondary)(Human Movement and Health Education) students to provide basic knowledge and understanding of concepts in mechanics in preparation for EDUF3013 (Biomechanics). It is presented with a minimum level of mathematics and the mechanics concepts discussed are illustrated with examples from sporting activities. This unit of study is offered by staff in the School of Physics, Faculty of Science.

#### Textbooks

Recommended references:

Ellen Kreighbaum & Kathy Barthels, *Biomechanics: A Qualitative Approach for Studying Human Movement*, 4th Edn. Macmillan. New York. 1996  
Griffing, *The Dynamics of Sports* 4th Edn. Dalog Company. Ohio. USA. 1995.  
Hay, J. *The Biomechanics of Sports Techniques*. 4th edn. Prentice Hall. New Jersey. 1993.

## Year 2 Curriculum and Professional Studies

### EDUH2016

#### Health of Young People 1

**Credit points:** 6 **Teacher/Coordinator:** A/Prof. Jenny O'Dea **Session:** Semester 1 **Classes:** 3 hrs/wk for 12 wks **Prerequisites:** 36 junior credit points including EDUF1018, EDUF1019, EDUH1005 and EDUH1006. **Assessment:** Site visit group presentation and report (25%); Case Study Group presentation and report (35%), Final Exam (40%).

This unit of study is the first of five health education units and focuses specifically on the mental health of young people. This unit investigates the meaning of mental health in contemporary society and the key foci of work in this area. Major content covers self concept and self esteem and its development; positive relationships and communication; supporting difference and diversity; gender stereotyping; developing a positive body image; coping and resilience; a whole-school approach to health; depression, loss and grief; body image; stress and strategies for fostering mental health among youth.

### EDUH2017

#### Pedagogy for Physical Education 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Steve Georgakias **Session:** Semester 1 **Classes:** 3 hrs/wk for 12 wks **Prerequisites:** 36 junior credit points including EDUF1018, EDUF1019, EDUH1007 and EDUH1005. **Assessment:** Learning theory essay (40%), dance lesson plan and reflection (30%), games teaching lesson plans (30%).

This unit is the second of five units on pedagogy in physical education. The unit of study follows on from EDUH1007 taught in year 1 moving the focus toward student-centred approaches to teaching as applied to the NSW PDHPE 7 - 10 syllabus mandated areas of aquatics, dance and games.

### EDUH2018

#### Indigenous Perspectives in PDHPE

**Credit points:** 6 **Session:** Semester 1 **Classes:** 3 hrs/wk for 12 wks **Prerequisites:** 36 junior credit points including EDUF1018, EDUF1019 and EDUH1005. **Assessment:** Visual/creative task (30%), Media response (30%) and Essay (40%).

This core unit of study acknowledges the importance of training PDHPE teachers who have an understanding of past and contemporary experiences of Indigenous Australians. It examines the notion of an Indigenous Australian history and examines the social, economic and health disadvantages that challenge Indigenous communities. It explores the importance and cultural meanings of sport in Indigenous communities. The unit supports them to expand their understanding of Indigenous cultures and equips students with the knowledge to provide culturally appropriate programs to students in schools. The unit will assist pre-service teachers in developing an

awareness of how to integrate Indigenous issues into the health education and physical education context.

### EDUH2019

#### Professional Practice in PDHPE 2

**Credit points:** 6 **Session:** Semester 2 **Classes:** 3 hrs/wk for 12 wks & 20 days professional experience as a block. **Prerequisites:** 36 junior credit points including EDUF1018, EDUF1019 and EDUH1005. **Assessment:** Classroom management plan (30%); Micro-teaching, lesson plan and reflection (70%), Professional Experience requirements (Pass/Fail)

This core unit of study is the second of four examining pedagogical and professional practices in K-12 Personal Development Health and Physical Education (PDHPE). This unit of study examines the current NSW Board of Studies requirements in years 7-10 PDHPE and focuses on the secondary school learning and teaching environment. Through an examination of the syllabus support documents, and the NSW Department of Education and Training Quality Teaching documents, students will develop the necessary skills to design effective teaching experiences for a range of student learners. The unit is linked to a 4-week professional experience block placement.

### EDUH2020

#### Applied Anatomy and Physiology

**Credit points:** 6 **Teacher/Coordinator:** A/Prof. Donna O'Connor **Session:** Semester 2 **Classes:** 4 hrs/wk for 12 wks **Prerequisites:** 36 junior credit points including EDUF1018, EDUF1019, EDUH1017 and EDUH1005 **Assessment:** Weekly quizzes (20%); lab report (40%); lab design/lesson plan (10%) and final exam (30%).

The purpose of this unit is to raise students' awareness of anatomy and physiology as one of the biophysical foundations of human movement and health education. This unit of study will focus on studying the structure and function of a human body as well as applying this knowledge to a variety of situations related to human movement and health education. This unit aims to establish how the systems of the body influence and respond to movement, the body's energy systems and how training produces adaptations and affects performance.

### EDUH2029

#### Outdoor Education

**Credit points:** 6 **Teacher/Coordinator:** Dr Wayne Cotton **Session:** Semester 2 **Classes:** 2 hrs lecture/wk for 9 wks and a three day residential camp. **Prerequisites:** 36 junior credit points including EDUH1005, EDUF1018 and EDUF1019. **Assessment:** Presentation - Initiative game (40%), Reflective report and application (60%).

This unit explores the role of natural environments in the development of young Australians. There is a substantial body of evidence that suggests that this time spent in the outdoors provides many benefits for the individual including improving self esteem and psychological well-being, increasing the ability to overcome challenges, enhancing decision making skills, and improving interpersonal relationships. This unit provides the opportunity for pre-service teachers to not only plan learning experiences based on these theories, but also to implement and reflect on these experiences in a natural outdoor setting during a three day camp. A strong focus of this unit of study is the preparation of pre-service teachers for teaching Outdoor Education in NSW schools, including the Outdoor Recreation option in the PDHPE HSC preliminary course. There will be an additional cost for the camp - approximately \$300.

## Year 3 Curriculum and Professional Studies

### EDUH3004

#### Psychosocial Health Issues

**Credit points:** 4 **Teacher/Coordinator:** Dr Jenny O'Dea **Session:** Semester 1 **Classes:** 2 hours/week for 12 weeks **Prerequisites:** 48 credit points of Professional Studies in HMHE including EDUH2005 **Assessment:** Seminar presentation (30%); Exam (40%); Case study report (30%)

This unit is the second of four that will examine health issues relevant to today's society. It will provide both the content and process of Health Education as part of the PDHPE key learning area. This unit will

address the areas of personal awareness, interpersonal skills, lifespan development, mental health and social health.

### EDUH3007

#### Professional Experiences in PDHPE 2

**Credit points:** 6 **Session:** Semester 1 **Classes:** 36 hrs, 3 hrs/wk plus a five-wk block of teaching practice **Prerequisites:** 48 credit points of Professional Studies in HMHE including EDUH2010 **Assessment:** Unit of work (30%), Critical review (25%), Planning Meeting (10%), Resource file (35%), Teaching practice (Pass/Fail).

This unit is the second of three that will examine curriculum design, learning and teaching from Kindergarten to Year 12 in the PDHPE Key Learning Area (KLA). It will concentrate on the PDHPE (KLA) in the junior high school. It provides an opportunity for both the theory and practice of learning and teaching in PDHPE to be explored. Students will undertake a five-week block of teaching practice in secondary schools as a part of this unit of study. They will be expected to take an active role as a member of a learning community by planning, implementing and reflecting on units of work relevant to the age and stage of development of pupils in Stages 4 and 5. Both self-reflection and review by the cooperating teacher and/or tertiary supervisor will enable students to build on the teaching skills developed during their previous professional experience block.

### EDUH3008

#### Physical Education Pedagogy 3

**Credit points:** 4 **Session:** Semester 1 **Classes:** 2 hrs/wk for 12 wks **Prerequisites:** 48 credit points of Professional Studies in HMHE including EDUH2009 **Assessment:** Peer teaching, (30%), Unit/activity plan (50%), Essay (20%)

Physical education is an integral part of the PDHPE key learning area. This unit of study is the third of five that will provide practical experience in these aspects of the curriculum. It will reinforce the relationship between physical activity and health status as well as the safety aspects associated with participation in physical activity in a variety of environments. A broad definition of physical activity of which competitive team sport is one aspect will drive the direction of these units. Participation in a variety of physical activities will enable students to develop their physical skills along with a commitment to the value of lifelong physical activity. The opportunity to develop expertise in teaching through learning theory as opposed to coaching physical skills will also ensure that they will be able to encourage others to participate in and value lifelong physical activity. In this unit students will gain experience in dance, target games, net/wall games.

### EDUH3009

#### Physical Education Pedagogy 4

**Credit points:** 6 **Teacher/Coordinator:** Dr Wayne Cotton **Session:** Semester 2 **Classes:** 3 hrs/wk for 12 wks **Prerequisites:** 48 credit points of Professional Studies in HMHE including EDUH3008 **Assessment:** Peer teaching and lesson planning (60%), essay (10%), Resource folder (30%).

Physical education is an integral part of the PDHPE key learning area. This unit of study is the fourth of five that will provide practical experience in these aspects of the curriculum. It will reinforce the relationship between physical activity and health status as well as the safety aspects associated with participation in physical activity in a variety of environments. A broad definition of physical activity of which competitive team sport is one aspect will drive the direction of these units. Participation in a variety of physical activities will enable students to develop their physical skills along with a commitment to the value of lifelong physical activity. The opportunity to develop expertise in teaching through learning theory as opposed to coaching physical skills will also ensure that they will be able to encourage others to participate in and value lifelong physical activity. In this unit students will gain experience in track and field, gymnastics, striking games and court invasion games for primary and secondary school students.

### EDUH3014

#### Assessment and Evaluation in PDHPE

**Credit points:** 4 **Session:** Semester 2 **Classes:** 2 hours/week for 12 weeks **Prerequisites:** 48 credit points of Professional Studies in HMHE including

EDUH2010 and EDUH3007 **Assessment:** Testing workshop (30%); Essay (40%); Assessment schedule (30%).

This unit is designed to provide students with the knowledge, understanding and skills to effectively conduct assessment and evaluation as integral parts of PDHPE and sport. There have been significant changes to assessment and evaluation requirements in secondary schools in NSW. Teachers are required to be more accountable for the learning outcomes of students. Practical application of assessment for learning and of learning and evaluation as they relate to the PDHPE key learning area in high schools will be examined as will the construction and implementation of both theory and practical assessment tasks.

### EDUH3027

#### Exercise Physiology

**Credit points:** 6 **Teacher/Coordinator:** Dr Donna O'Connor **Session:** Semester 1 **Classes:** 3 hrs/wk for 12 wks **Prerequisites:** 48 credit points of Professional Studies in HMHE including EDUH2001 **Assessment:** Theory component - Quizzes (15%) and exam (35%); Practical component - Responses to labs and group research project (50%). Note: in order to pass this unit of study students are required to achieve at least 50% in Theory component of the unit and 50% in practical component.

This lecture/laboratory unit of study will examine the effects that take place in the body during and after exercise. Related aspects will include cellular physiology, energy production, aerobic and anaerobic metabolism, work capacity, the respiratory and circulatory systems under exercise, effect of altitude, thermoregulation and hydration, body composition and ergogenic aids.

### EDUH3028

#### Adolescent Health Issues

**Credit points:** 6 **Teacher/Coordinator:** Dr Jenny O'Dea **Session:** Semester 2 **Classes:** 3 hrs/wk for 12 wks. **Prerequisites:** 48 credit points of Professional Studies in HMHE including EDUH2005 and EDUH3004 **Assessment:** Exam (40%); Site visit (30%); Case Study (30%).

This unit is the third of four that will examine health issues relevant to today's society. It will provide both the content and process of Health Education as part of the PDHPE key learning area. This unit will address the areas of adolescent health, drug use, sexuality and resilience, connectedness and protective behaviours.

## Year 4 Curriculum and Professional Studies

### EDUH4002

#### Physical Education Pedagogy 5

**Credit points:** 6 **Teacher/Coordinator:** Dr Wayne Cotton **Session:** Semester 1 **Classes:** 36 hrs: 4 hrs/wk for 9 wks **Prerequisites:** 84 credit points of Professional Studies in HMHE including EDUH3009 **Assessment:** Essay (50%); Unit of study and lesson plans (50%).

This is the fifth and last physical education pedagogy unit of study. This is a practical unit of study designed specifically for students to gain a wide variety of experience in teaching physical education in non-traditional sport. This unit will build on the socio-cultural focus in the new PDHPE syllabuses. Traditionally secondary schools have offered a limited range of sports such as cricket and rugby league and sports of significance to other cultures have often been unavailable perhaps due to lack of knowledge or a lack of sensitivity by teaching staff. Traditional sports may also appear alienating to NESB students or may not accommodate some cultural requirements. There has been an explosion of numerous alternative sports in the past decade such as rock climbing, roller blading, tai chi, rap dancing, capoeira to name a few. There is now a wider, richer range of sports available in schools including sports not traditionally played in Australia. For example, some schools with a high proportion of students from Asian backgrounds now offer martial arts as a sport. Many fourth year BED students will soon be teaching in multicultural schools where these issues will be directly relevant and where they may be expected to broaden the sports curriculum and ensure the needs of students from all backgrounds are respected and catered for. During the unit you will also have the opportunity to examine values, attitudes and

#### 4. Education units of study

behaviours as they relate to your own physical activity patterns and personal health status.

##### EDUH4048

###### Professional Experiences in PDHPE 3

**Credit points:** 6 **Session:** Semester 1 **Classes:** 3 hrs/wk for 12 wks and 25 days in school experience **Prerequisites:** 84 credit points of professional studies in HMHE including EDUH3007 **Assessment:** Quality Teaching Response (15%), Exploring Cores and Options (40%), Resource file (45%), Teaching practice (Pass/Fail).

This unit builds on the introduction to fundamental teaching skills and curriculum design in the PDHPE Key Learning Area (KLA) with particular reference to primary and junior secondary schools. It will concentrate on the PDHPE (KLA) in the senior high school. It provides an opportunity for both the theory and practice of learning and teaching in PDHPE to be explored. Students will undertake a four week block of teaching practice in high schools as a part of this unit of study. They will be expected to take an active role as a member of a learning community by planning, implementing and reflecting on units of work relevant to the age and stage of development of pupils in Years 7 - 12. Both self-reflection and review by the cooperating teacher will enable students to build on the teaching skills developed during previous teaching practice experiences.

##### EDUH4050

###### Sports Medicine

**Credit points:** 6 **Teacher/Coordinator:** Dr Donna O'Connor **Session:** Semester 2 **Classes:** 3 hrs/wk for 12 wks **Prerequisites:** 84 credit points of Professional Studies in HMHE **Assessment:** Workshop (40%); Case study (30%); Exam (30%).

The purpose of this unit is to raise students' awareness of the specific issues of prevention, assessment, management of and recovery from sports injury. This unit aims to introduce students to the pathology, diagnosis and management of injuries commonly sustained during sporting activities. Students will also examine how the extent and intensity of sports participation relates to the incidence of sports injuries and explore a range of technical and scientific approaches for maintaining the wellbeing of athletes. The unit further aims to assist students in understanding their role and the role of various health professionals in recognising and managing sport related injuries. This unit of study also prepares students to develop lessons and assessment tasks for the stage 6 PDHPE option 'Sports Medicine'.

##### EDUH4051

###### Community Health Issues

**Credit points:** 6 **Teacher/Coordinator:** Dr Kate Russell **Session:** Semester 2 **Classes:** 3 hrs/wk for 12 wks **Prerequisites:** 84 credit points of Professional Studies in HMHE including EDUH3028 **Assessment:** Critical Analysis (35%); Review essay and Gala display (65%)

It has been suggested that many of the health-related problems inherent in Australia today are related to humans as social beings, the types of lifestyles individuals lead and their interactions with others. While the ultimate responsibility for health rests with individuals, many factors affect health including environment, life stage and skills. However, there are a number of skills that individuals can learn and incorporate into the way they live as they grow and develop. In this unit students will study issues related to health consumerism, community health and global health as well as their roles in health education and health promotion in schools.

#### Year 4 Options

##### EDUH4052

###### Learning in Outdoor Education

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Classes:** 2 hrs/wk for 9 wks plus field trips **Prerequisites:** 84 credit points of Professional Studies in HMHE **Assessment:** Report (50%); Reflective Statement (50%)

*Note: Department permission required for enrolment.*

Engagement with natural environments in Australia forms a significant part of growing up for many Australians whether in formal educational settings, organised leisure activities or through informal experiences

of leisure and or sport. It is also of interest for a growing number of overseas visitors wishing to experience Australia's unique natural environments. Outdoor Education forms an important aspect of the Key Learning Area, Personal Development Health and Physical Education in the NSW syllabus. Learning in Outdoor Education examines the nature and significance of learning that takes place through these experiences of natural environment in Australia with a particular focus on how and what children and young people learn in outdoor education. While the unit aims to develop knowledge and understanding of specific areas of natural significance in NSW, it focuses more on the nature of learning in outdoor education. It emphasizes the educational significance of the different ways in which these places are studied and understood, or come to be known, in the classroom or lecture theatre and through first hand experiences of them. It does this by examining two different, yet interrelated, modes of learning in and about natural environments through lectures about these places and experiences of bushwalking and expeditions in them. At the same time it addresses the relationship between concerns of outdoor education with environmental and students' social learning. During the course of the unit of study students come to know the places they visit through the two distinctly different learning experiences provided by formal lectures and field trips. There will be extra costs incurred in the field trips for this visit.

##### EDUH4053

###### Indigenous Sport, Education and Culture

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Classes:** 2 hrs/wk for 11 wks plus field trip **Prerequisites:** 84 credit points of professional studies in HMHE **Assessment:** One seminar presentation on indigenous education issues, one 1500 word field trip report and a 2500 word reflective essay based on field trips.

*Note: Department permission required for enrolment.*

Indigenous Sport, Education and Culture will provide students with a socially critical perspective on indigenous people's participation in sport and education as dynamic aspects of society and the ways in which this positions them in Australian society. This unit of study examines the ways in which sport and education are tied into the reproduction of social, economic and health disadvantage for Indigenous Australians. While sport plays a part in the reproduction of disadvantage it is also a highly visible area in which indigenous people have excelled in Australia. This unit of study also examines the ways in which sport can be, and has been, used to address indigenous disadvantage in contemporary Australian society. These issues are studied within the context of the history of white Australia as viewed from the perspective of indigenous Australians. The unit of study provides students with first-hand experiences of indigenous culture and issues examined through the provision of field trips. Informed by lectures and unit readings, the field trips make an invaluable contribution to a learning journey over the semester. There will be extra costs incurred in the field trips for this unit.

##### EDUH4054

###### Issues in Nutrition Education

**Credit points:** 6 **Teacher/Coordinator:** Dr Jennifer O'Dea **Session:** Semester 2 **Classes:** 3 hrs/wk for 12 wks **Prerequisites:** 84 credit points of Professional Studies in HMHE **Assessment:** Either develop lesson plans or presentation of a case study (30%), examination (40%), Site visit report (30%).

*Note: Department permission required for enrolment.*

This unit of study will provide health educators with a sound knowledge of issues in nutrition and educational strategies for implementation of nutrition education in the secondary classroom. Content includes special nutritional requirements of infants, adolescents, women, vegetarians, athletes, nutrition education strategies, dietary supplements, food faddism, diets, food labelling.

##### EDUH4055

###### Fitness Training: Theory and Practice

**Credit points:** 6 **Teacher/Coordinator:** Dr Donna O'Connor **Session:** Semester 1 **Classes:** 3 hrs/wk for 12 wks **Prerequisites:** 84 credit points of Professional Studies in HMHE. **Assessment:** Designing and implementing a 6 week training program (60%), debate (30%), PDHPE lesson plans (10%)

*Note: Department permission required for enrolment.*

This unit is designed to provide the skills and knowledge necessary for effective construction and implementation of training programs for health benefits and to improve performance. Emphasis will be on the knowledge and practical understanding of different training methods and their physiological adaptations. At the completion of this unit it is hoped that students are more confident and knowledgeable in this content area, understand the vital link between theory and practice and value the need for them to be research informed teachers.

#### EDUH4057

##### Administration of PDHPE and Sport

**Credit points:** 6 **Session:** Semester 2 **Classes:** 3 hrs/wk for 12 wks **Prerequisites:** 84 credit points of Professional Studies in HMHE. **Assessment:** Sport information sheet (20%), Sport handbook (35%), Administering a sport gala day (45%).

*Note: Department permission required for enrolment.*

This unit of study is designed to examine the principles of administration and administrative techniques and procedures appropriate for PDHPE and sport in schools. The unit of study will move from a base of administrative theory to precise issues and skills required for administering programs and projects in both school and community settings.

#### EDUH4058

##### Sport and Learning in Australian Culture

**Credit points:** 6 **Teacher/Coordinator:** Mr John Evans **Session:** Semester 1, Semester 2 **Classes:** 2 hrs/wk for 11 wks plus field trips **Prerequisites:** 84 credit points of Professional Studies in HMHE **Assessment:** Two analytic field trip reports of 1000 words (40%), one final research essay of 3000 words (60%).

*Note: Department permission required for enrolment.*

Meaningful educational experiences involve learning that effects a lasting change and involves some degree of personal transformation. As Dewey suggests learning and the realization of our humanity arises, not from any direct teaching but from the learning environment and the stimulation that it generates. This subject is structured around the provision of students' first hand experiences of Australian sport culture ranging from school and community-based sport to commercial, commodified sport played at the highest levels. Lectures and the provision of relevant readings are structured around these experiences to help them interpret, make sense of the subject content in a meaningful and relevant way. The provision of experience of Australian sport culture, its culture-specific meanings and practices informed by a socially critical examination of sport and its impact constitutes a holistic approach to learning about sport in a setting that is culturally distinct from that of backgrounds of most students who will undertake the course. While it will provide understanding of a new cultural context it will also encourage a more socially critical view of sport in their own societies, an understanding of global forces in sport and their impact on local cultures. There will be extra costs incurred in the field trips for this unit.

## Bachelor of Education (Early Childhood)

### Year 1

#### EDEC1001

##### Early Childhood Settings and Communities

**Credit points:** 6 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 3 hrs/wk for 12 wks **Assessment:** 1. Comparison of early childhood services (2000 wds); 2. Analysis and review (2500 wds); 3. Tutorial presentation (1500 wds).

This foundational unit of study helps students become familiar with the range of early childhood settings available for children from birth to five years. Students will be required to become familiar with the regulations governing early childhood services and licensing conditions and will examine the literature relating to quality care and education in early childhood services.

#### EDEC1004

##### Play and Learning in Early Childhood

**Credit points:** 6 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 3 hrs/wk for 12 wks **Assessment:** 1. Essay (1500 wds); 2. Report (2500 wds); 3. Workshop Presentation (2000 wds).

An in-depth knowledge and awareness of the nature and context of the play of infants, toddlers and young children is essential for early childhood educators. This unit enables students to observe and understand children's play and to provide a framework for planning developmentally appropriate play-based learning experiences.

#### EDEC1002

##### Health and Wellness in Early Childhood

**Credit points:** 6 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 2 **Classes:** 3 hrs/wk for 12 wks **Assessment:** 1. Child Protection requirements (Satisfactory/Fail); 2. Development of Resource (2000 wds); 3. Analysis of legislation (2500 wds); 4. In-class presentation and paper (1500 wds)

This unit provides students with the ability to plan and operate healthy and safe early childhood learning and care environments. Students will learn about minimizing infection and promoting children's health and wellbeing. Students will also undertake Child Protection training in accordance with the legislative requirements of the Children Care and Protection Act of NSW Department of Community Services in this unit.

#### EDEC1003

##### Changing Childhoods

**Credit points:** 6 **Session:** Semester 2 **Classes:** 3 hrs/wk for 12 wks **Assessment:** 1. Image Analysis (2500 wds); 2. Essay (2000 wds); 3. Mini Conference Presentation (1500 wds).

This unit explores the historical and contemporary influences on childhood and the social constructions of families and childhoods in Australia and throughout the world. Students will explore how concepts of childhood impact on the education and care of infants, toddlers and young children. The image of the child and children's rights are a focus in a global society and as a result traditional understandings of 'childhood' as being universally experienced within cultures, are being challenged.

## BEd (Primary)

### Year 1 Curriculum and Professional Studies

#### EDUP1001

##### Creative Arts 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Robyn Gibson **Session:** Semester 2 **Classes:** 1 hour lecture, 2 hour workshops for 13 weeks. **Assessment:** Arts learning experiences assignment (65%) & VAPD/Portfolio (35%).

This unit comprises four Creative Arts components: Drama, Visual Arts, Music and Dance. It combines both theoretical and practical/studio work across a range of art forms appropriate for K - 6 classrooms.

#### EDUP1002

##### Language, the Learner and the School

**Credit points:** 6 **Teacher/Coordinator:** Dr Jon Callow **Session:** Semester 1 **Classes:** 36 hours contact time including lectures, tutorials and online learning experiences; 8 days professional experience. **Assessment:** Professional experience; Seminar presentation and discussion activities for weekly readings - 25 minutes (20%); Becoming a teacher assignment 1800 - 2000 words (35%); Becoming a successful literacy learner - 2500 words (45%).

This unit of study begins the exploration of children's language learning. The unit provides an introduction to professional experience in the primary classroom through exploring K-2 literacy development and teaching practice. The professional experience will focus on pre-service teachers developing subject content knowledge and how to teach it; knowing their students and how they learn and how communicating effectively with their students (NSW Institute of Teachers Professional Teaching standards, Elements 1 2 & 4). Students will become familiar with the fundamental components of

literacy, supported through observation of teachers and children in classrooms and interaction with small groups of children emerging in literacy.

### Year 2 Curriculum and Professional Studies

#### EDUP2002

##### English: Learning to be Literate

**Credit points:** 4 **Teacher/Coordinator:** Dr Jon Callow **Session:** Semester 1 **Classes:** 24 hours contact time including lectures, tutorials and online learning experiences. **Prerequisites:** EDUP1002 **Assessment:** Understanding how to choose literature for the classroom 2,000 wd (50%); Using text resources in the literacy session 2,000 wd (50%)

In this unit you will develop understandings about the teaching of reading, writing, listening and speaking to students in the early years of schooling. A balanced approach to the development of literacy and the teaching of English will be exemplified by a focus on the use of quality children's literature relevant to this stage of learning. You will develop understandings about how young children learn and how to assess their learning in the context of an engaging English program.

#### EDUP2004

##### PDHPE1: Physical Activity

**Credit points:** 4 **Teacher/Coordinator:** Dr Steve Georgakis **Session:** Semester 1 **Classes:** 3 hours/week for 8 weeks **Prerequisites:** EDUP1002 **Assessment:** Essay 2000 word (50%); Unit outline and lesson plans 2000 word (50%).

This unit of study is the first of two units aimed at assisting students to develop their teaching skills in Physical Education. It is focused on the development of Physical Education pedagogy for generalist primary school teachers aimed at making children's experiences of physical activity enjoyable, rewarding and educationally valuable. Students will study the theory and practice of teaching physical activity in primary schools with a focus on student-centred pedagogy. Through reading, active participation in lectures, sport and workshops, students will engage with the latest developments in physical education pedagogy and apply it in practical contexts. This will involve exposure to contemporary theories of learning in and through physical education, management and organisational issues specific to physical education, practical workshops and team teaching in a primary school. Drawing on experiences of lectures and workshops students will work collaboratively in planning for learning, organising, managing and teaching physical education with a clear focus on student learning and achievement.

#### EDUP2005

##### Mathematics 1: Exploring Early Number

**Credit points:** 4 **Teacher/Coordinator:** Dr Jennifer Way **Session:** Semester 2 **Classes:** 2 hrs/wk for 12 wks **Assessment:** Assessment will include: Reflection on readings and resources 40%; Assessment and analysis of a child's early number strategies 60%.

This is the first unit of study in Mathematics and students will be introduced to key issues associated with how children acquire early mathematical concepts, processes and knowledge. The Learning Framework in Number will be a major focus of content for this unit of study. As part of this study students will be required to assess a child from the K-2 grades using an interview schedule and to use the results to plan activities that demonstrate knowledge of worthwhile mathematical tasks.

#### EDUP2006

##### Indigenous Australian Education

**Credit points:** 4 **Teacher/Coordinator:** Ms Sharon Galleguillos **Session:** Semester 1 **Classes:** 2 hrs/wk for 12 wks **Prerequisites:** EDUP1002 **Assessment:** My Community - presentation and report (30%); Reconciliation in our Primary Schools - 1,000 words (30%); essay - 1,500 words (40%).

Within New South Wales public schools it is mandatory to implement the Department of Education and Training (DET) Aboriginal Education and Training Policy (2008) and ensure Aboriginal perspectives are provided in all key-learning areas. This Indigenous Australian Education unit of study focuses on contemporary issues in Indigenous

Education. Students will also develop an understanding of the historical backgrounds of Indigenous Australians and how these experiences impacted upon their schooling. Students will increase their current levels of knowledge in relation to some of the broader social topics that are relevant to Indigenous Australians.

#### EDUP207

##### Beginning Professional Experiences

**Credit points:** 8 **Teacher/Coordinator:** Ms Christine Preston **Session:** Semester 2 **Classes:** 2 hrs/wk for 12 wks plus 1 hr lecture for 4 wks **Prerequisites:** EDUP1002, EDUF1018 and EDUF1019 **Prohibitions:** EDUP2003 **Assessment:** A successful completion of professional experience placement and the following exercises: a lesson plan (1000 wd); One group presentation (750 word); a homework task (750 wd); a reflection on the Professional Experience (2500 word).

This unit incorporates professional experience and continues students' development as reflective practitioners. The professional experience will focus on pre-service teachers planning for effective learning; communicating effectively with their students; and maintaining a safe and challenging learning environment through the use of classroom management skills (NSW Institute of Teachers Professional teaching standards, Elements 3, 4 & 5). It examines various ways in which the concepts of curriculum and evaluation and quality teaching have been defined in current literature. The phases of planning, development, implementation and evaluating quality lesson plans will be examined along with the importance of reflective practices, building on the initial discussions in EDUP1002 in year One. Students will demonstrate an understanding of the interrelationship between quality teaching dimensions and management of the classroom learning community. Students will demonstrate their understanding and expertise of quality teaching and learning principles during their professional experience in schools.

### Year 3 Curriculum and Professional Studies

#### EDUP3001

##### PDHPE 2: Active Healthy Primary Schools

**Credit points:** 4 **Teacher/Coordinator:** Ms Louisa Peralta **Session:** Semester 1 **Classes:** A 1 hr lecture for 5 wks and a 2 hour workshop for 12 wks **Prerequisites:** 36 credit points of professional studies in Primary Education including EDUP2004 **Assessment:** Gymnastics Peer Teaching Experience (40%) and Dance Unit of Work (60%)

In this second unit of study students will continue to gain experience in three mandatory Physical Education strands in the K-6 PDHPE Syllabus: Active Lifestyle; Gymnastics; and Dance. Emphasis will be placed on participating in a variety of gymnastics and Dance activities that will enable students to develop teaching confidence and competence in these areas. Particular attention will be given to developing the pedagogical knowledge understanding and skills to plan and implement appropriate learning strategies for Active lifestyle, Gymnastics and Dance and integrating the PE curriculum within a K-6 Health Promoting Schools context.

#### EDUP3002

##### Human Society and its Environment

**Credit points:** 4 **Session:** Semester 1 **Classes:** 24 hours lecture and tutorial mode. **Prerequisites:** 36 credit points of professional studies in Primary Education **Assessment:** Development of an excursion (40%) and a critique and enhancements of unit of work (60%)

This unit will focus on the fundamental principles of the Human Society and Its Environment K-6 key learning area as well as theories of how children learn in a social setting. This unit will develop students' skills in applying cross curriculum content, values and perspectives especially civics and citizenship education. Underpinning this unit are the theoretical frameworks of the NSW HSIE K-6 syllabus, Quality Teaching and the Melbourne Declaration on Educational Goals for Young Australians. This unit will enable the students to design and critically reflect on learning experiences which are planned to achieve the aim of the NSW HSIE K-6 Syllabus and other curriculum requirements and to address graduate teacher standards.



**EDUP3003****Teaching in Multilingual Classrooms**

**Credit points:** 4 **Teacher/Coordinator:** Dr Paul Dufficy **Session:** Semester 1 **Classes:** 2 hrs/wk for 10 wks **Prerequisites:** 36 credit points of professional studies in Primary Education **Assessment:** There is a range of linked assessment tasks in this unit. These include : designing materials for topic work (40%); teaching language through literature 1 (40%); and teaching language through literature 2 (20%).

The content of this introductory unit of study is based around teaching principles derived from current sociocultural thinking. Four key principles are challenge, engagement, assisted performance, and handover. With these in mind, and after an introduction to the social and political context of TESOL, the unit covers oral language development, literacy and the integration of newly-arrived children.

**EDUP3004****Mathematics 2: Space and Measurement**

**Credit points:** 4 **Teacher/Coordinator:** Associate Professor Janette Bobis **Session:** Semester 2 **Classes:** 2 hrs/wk for 10 weeks **Prerequisites:** 36 credit points of professional studies in Primary Education including EDUP2005 **Assessment:** Written paper providing evidence of knowledge of content and pedagogy of mathematics (40%) and a folder of work containing 3 - 4 lesson plans and lesson evaluations (60%).

In this unit students will focus on the content strands of Space & Geometry, and Measurement, and the process strand, Working Mathematically. The role mathematics plays in developing numeracy will be examined in the light of the content areas covered in this unit.

**EDUP3005****Investigating in Science and Technology**

**Credit points:** 4 **Teacher/Coordinator:** Dr Louise Sutherland **Session:** Semester 2 **Classes:** 1 hr lectures (Weeks 1, 2, 3, 4 & 5); 2 hr workshops (Weeks 2, 3, 4, 5, 6, 7, 8 & 9) **Prerequisites:** 36 credit points of professional studies in Primary Education including EDUF1016, EDUF1017 and EDUP2027 **Assessment:** Assessment will be based on assignments involving teaching activities, the development of a teaching guide and lesson planning. Group work will be a feature of one of these assignments

This unit is the first of two dealing with issues, strategies and resources relevant to the teaching of Science and Technology in the K-6 curriculum. It builds upon foundation studies in science undertaken by students in the Science Foundations units EDUF1016 and EDUF1017.

**EDUP3006****English: Becoming Literate**

**Credit points:** 4 **Teacher/Coordinator:** Dr Angela Thomas **Session:** Semester 2 **Classes:** 26 hrs mixed mode delivery lectures, tutorials and online work. **Prerequisites:** 36 credit points of professional studies in Primary Education including EDUP1002 and EDUP2002 **Assessment:** Analysis of child's writing sample (50%); Multimodal artefact collection and lesson sequence (50%); compulsory online quiz.

In this unit students will continue to reflect on their theoretical knowledge of the principles of English teaching. They will critique key readings to challenge, make links to their own practices and to question past and current practice. Students will examine literacy assessment tools, identify the literacy demands of factual and multimodal texts and plan lessons to encourage pupil engagement through explicit teaching in stages one and two. As a result of working in this unit, students should be prepared to justify their own approach to teaching English and literacy across the curriculum areas in the primary classroom.

**EDUP3007****Professional Experiences 2 (Primary)**

**Credit points:** 4 **Teacher/Coordinator:** Dr Tony Loughland **Session:** Semester 2 **Classes:** 2 hrs/wk for 6 wks; 20 days professional experience. **Prerequisites:** 36 credit points of professional studies in Primary Education including EDUP2027 **Prohibitions:** EDUP2003 **Assessment:** Successful completion of 20 day professional experience and a reflective account of critical incidents of professional learning on professional experience.

This unit of study and school-based 20 day professional experience builds on the introductory unit in year 1 and Professional Experiences 1 in year 2 of the program. This professional experience will focus on

pre-service teachers knowing their students and how they learn and planning, assessing and reporting for effective learning (NSW Institute of Teachers professional teaching standards Elements 2 & 3). In second year, Professional Experience One focuses on elements four and five. This unit moves to a more complex interpretation of the learning experience by focusing on the diverse learning needs of students. Students will develop their knowledge of how students learn from the university-based classes in the first half of the unit of study. In the second half, they will apply this knowledge to the students they will teach on their 20 day professional experience. Throughout the unit of study, the emphasis will be on employing this developing knowledge of students' learning in the planning, assessing and reporting of effective learning outcomes.

**EDUP3008****Creative Arts 2**

**Credit points:** 4 **Teacher/Coordinator:** Dr Robyn Gibson **Session:** Semester 1 **Classes:** 1 hr introductory lecture; 2 hrs/wk for 13 wks **Prerequisites:** 36 credit points of professional studies in Primary Education including EDUP1001 **Assessment:** Unit of work or Resource Kit (65%) and continuation of VAPD/Portfolio (35%)

This unit comprises the four Creative Arts components of the NSW K-6 Creative Arts Syllabus : Drama, Visual Arts, Music and Dance. It continues to develop and extend both theoretical and practical/studio work across a range of art forms appropriate for primary age children. Attendance in both lecture and workshops is mandatory.

**EDUP3034****PDHPE 3: The Health Promoting School**

**Credit points:** 4 **Teacher/Coordinator:** Dr Kellie Burns **Session:** Semester 2 **Classes:** 1 hr lecture for 6 wks and 2 hr workshop for 10 wks **Prerequisites:** 36 credit points of professional studies in Primary Education including EDUP2004 and EDUP3001 **Assessment:** Critical essay (40%); Unit of work (60%).

In this third unit of study, students will continue to gain experience planning engaging and meaningful teaching and learning activities in PDHPE. Emphasis is placed on programming and planning using four of the syllabus strands: Growth & Development, Interpersonal Relationships, Personal Health Choices and Safe Living. Students explore a range of youth-related health issues including child protection, sexuality, alcohol and tobacco use, body image, bullying and mental health. The Health Promoting Schools model is introduced as a framework for building student-centred PDHPE curriculum, valuing whole-school policies that support young people's wellbeing and fostering community partnerships.

**Year 4 Curriculum and Professional Studies****EDUP4074****Mathematics Education 3**

**Credit points:** 4 **Teacher/Coordinator:** Dr Jennifer Way **Session:** Semester 1 **Classes:** 2 hrs/wk for 12 wks **Prerequisites:** 72 credit points of Professional Studies in Primary Education including EDUP2005 and EDUP3004 **Assessment:** Assessment will include: Assessment and analysis of a child's mathematical thinking (40%); An assessment-based teaching plan (60%).

This compulsory unit of study is the third and final unit in primary mathematics education. It is designed to build on the content and ideas introduced in Mathematics Education 1 and 2, with emphasis on Number and Pattern and Algebra Strands in Stages 2 and 3 of the NSW Primary Mathematics Syllabus. The unit will explore how children's mathematical thinking strategies develop via research-based frameworks and assessment-based planning for teaching.

**EDUP4075****Science & Technology (Designing/Making)**

**Credit points:** 4 **Teacher/Coordinator:** Ms Christine Preston **Session:** Semester 1 **Classes:** 2 hrs/wk for 10 wks plus 1 hr lecture for 5 wks **Prerequisites:** 72 credit points of professional studies in Primary Education including EDUP2027, EDUP3005, EDUF1016 and EDUF 1017 **Assessment:** (1) Evaluation of published mini unit of work (1000 wds); (2) Development and presentation of a Design and Make/Using Technology and content strand lesson activity (no written component); (3) Transformation of mini unit into a multi purpose Design and Make/Using Technology and content strand oriented unit of work (3000 wds).

#### 4. Education units of study

Through an examination of the learning processes Designing & Making and Using Technology, this unit focuses on developing children's interest and skills in understanding and using technology. In particular, it considers design as a creative process, founded on an understanding of the natural and physical world which promotes science conceptual understanding. Teaching of these learning processes is supported by exploring the content strands of Built Environments, Information & Communications and Products and services. It considers aspects of curriculum planning, classroom management, development/selection of activities and resources relevant to the teaching of technology.

##### EDUP4076

###### English: Being Critically Literate

**Credit points:** 4 **Teacher/Coordinator:** Dr Alyson Simpson **Session:** Semester 1 **Classes:** 1 hr lecture plus 1 hr workshop per week for 11 wks plus 4 hr flexible component **Prerequisites:** 72 credit points of Professional Studies in Primary Education including EDUP2002 and EDUP3006 **Assessment:** Reading and response practical work (45%); Literature based unit of work (45%); On-line tasks (10%)

This unit of study is focussed on work that combines the strands of Reading, Writing, Talking, Listening and Viewing through the use of literary texts in the classroom. Literary texts such as picture books, novels, plays and poetry as well as other texts of popular culture will be used as the basis for preparation for teaching English to children in the middle years (NSW Stages 2 and 3, grades 3,4,5 and 6). The emphasis will be on developing children's critical comprehension and creative composition of a range of literary texts. Understanding how to assess a child's strengths and needs in reading, writing, speaking and listening will also be an important component of this unit.

##### EDUP4077

###### Teaching Children with Special Needs

**Credit points:** 4 **Teacher/Coordinator:** Assoc Prof David Evans **Session:** Semester 2 **Classes:** 1 one hr lecture; 2 three hr in-school sessions for 10 wks **Prerequisites:** 72 credit points of Professional Studies in Primary Education including EDUP3004 and EDUP3006 **Assessment:** Plan and implement at least 14 tutoring sessions in a school setting (60%); write a professional statement on teaching children with special needs (40%),

Under the supervision of tutors, students will complete a series of tutoring sessions in schools. During this time, students will develop, implement and evaluate a sequence of individualised literacy and numeracy plans. During this experience, students will develop a professional statement and journal making links between practice and the research literature based on their school-based work.

##### EDUP4079

###### Professional Experiences 3 (Primary)

**Credit points:** 4 **Teacher/Coordinator:** Ms Nikki Brunner **Session:** Semester 1 **Classes:** 12 lectures and tutorials; 20 day professional experience. **Prerequisites:** 72 credit points of Professional Studies in Primary Education including EDUP1002, EDUP2027 and EDUP3007 **Assessment:** Assessment will be in the form of a satisfactory practice teaching report and a professional portfolio; the portfolio will be broken into milestones, presentation and electronic portfolio.

This unit plays a significant role in student self-assessment of their attainment of the graduate professional teaching standards of the NSW Institute of Teachers. In doing so, the unit supports students to access strategies to develop within all aspects of the graduate standards, while making substantial input to the development of NSW Institute of Teachers professional teaching standards, Element 6. (Teachers continually improve their professional knowledge and practice.) The lecture series and seminars will explore each element in turn, with a focus on examining students' beliefs, evidence of current attainment, needs for development and steps to achieve full attainment of the standards. Assessment will involve milestone and portfolio tasks designed to support students to draw together evidence to not only demonstrate attainment but also to identify areas for further development and achievable steps to be undertaken during their last 20 day professional experience. The final assessment task will engage the students in reflection on their implementation of steps as developed in their milestones, to narrow down a specific area for development

to be further explored within EDUP4017 : Professional Experiences 4, through action learning.

##### EDUP4017

###### Professional Experiences 4 (Primary)

**Credit points:** 4 **Teacher/Coordinator:** Dr Nikki Brunner **Session:** Semester 2 **Classes:** 10 lectures and tutorials; 30 days professional experience **Prerequisites:** 72 credit points of Professional Studies in Primary Education including EDUP1002, EDUP2027; EDUP3007; EDUP4079 **Assessment:** Assessment will be in the form of a satisfactory practice teaching and action learning report.

This unit of study is the final professional experience in the Bachelor of Education Primary degree. This professional experience will focus on pre-service teachers continuing to improve their professional knowledge and practice and actively engaging as members of their profession (NSW Institute of Teachers professional teaching standards, Elements 6 & 7). Students act in the role of graduate teacher, being responsible for a 50-60% teaching load, in a 30 day internship that is the culmination of this unit of study. The lectures and seminars will support students to develop an action learning project that will build upon the professional learning undertaken in EDUP4079 in semester 1.

##### EDUP4080

###### Human Society and its Environment 2

**Credit points:** 4 **Session:** Semester 2 **Classes:** 2 hrs/wk for 10 wks **Prerequisites:** 72 credit points of Professional Studies in Education including EDUP3002 **Assessment:** Development of web quest (40%); development of an HSIE resource for casual teaching (50%); oral presentation (10%).

This unit of study allows students to build on their knowledge of HSIE K-6 content and the syllabus requirements of this key learning area. This unit will develop students' skills in applying cross disciplinary curriculum content, values and perspectives especially global and civics and citizenship education. Embedded in this course is the Quality Teaching framework, the Melbourne Declaration on Educational Goals for Young Australians, the Global Education statement and the National Statement for Engaging Australian Students with Asia. Students will be required to demonstrate research based knowledge of how to teach HSIE content to primary students and will design learning experiences that demonstrate knowledge and proficiency in the use of Information Communication Technologies (ICT) to engage and support student learning.

#### Year 4 Options

##### EDUP4007

###### Primary Languages A

**Credit points:** 4 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 1 **Classes:** 2 hrs per wk over 10 wks **Prerequisites:** 72 credit points of Professional Studies in Primary Education **Assessment:** An academic essay (50%) and a set of three lesson plans (50%)

*Note: Department permission required for enrolment.*

This unit of study will enable students to prepare to implement a languages program in a primary school context. Through an examination of policy and syllabus documents, suitable teaching methods and pedagogy, students will focus on what is required for establishing and sustaining a primary languages program. Students will also develop language lesson planning skills, and become familiar with materials that are suitable for the primary languages classroom.

##### EDUP4008

###### Primary Languages B

**Credit points:** 4 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 2 **Classes:** 2 hrs/wk over 10 wks (20 hrs) **Prerequisites:** EDUP4007 **Assessment:** Web quest (40%) and assessment task and reflection (60%).

*Note: Department permission required for enrolment.*

This unit of study allows students to continue their understandings of how best to deliver a languages program in a primary school context. Through an examination of intercultural languages education theory, and the syllabus directives as regards planning to use ICT as a vehicle for lesson delivery as well as a tool for teacher student

teaching/learning, students will continue to focus on what is required for establishing and sustaining a primary languages program.

#### EDUP4009

##### Special Education (A) Special Course

**Credit points:** 4 **Teacher/Coordinator:** Associate Professor David Evans  
**Session:** Semester 1 **Classes:** 2 hrs/week over 10 wks (20 hrs) **Prerequisites:** 72 credit points of Professional Studies in Primary Education and EDUF3031  
**Assessment:** Theory to Practice paper (30%); In Class Presentation (20%) and Professional Development Workshop (50%).

*Note: Department permission required for enrolment.*

The education of students with additional learning needs is a challenge for all teachers. Given the introduction of the Disability Standards for Education (2005) all teachers are required to be knowledgeable about curriculum and instructional adjustments that will assist them to cater for students with special educational needs. This unit will address issues around current legislation and policy, review current literatures about effective practices in catering for students with special needs, and develop skills in reviewing literature and policy. The remainder of the unit will be spent examining practices that will assist teachers to meet the additional learning needs of students experiencing difficulty in learning literacy and numeracy through school based experiences.

#### EDUP4010

##### Special Education (B) Special Course

**Credit points:** 4 **Teacher/Coordinator:** Associate Professor David Evans  
**Session:** Semester 2 **Classes:** 2 hrs/wk for 10 wks (20 hrs) **Prerequisites:** EDUP4009 **Assessment:** Professional Statement : Effective Teaching & Learning (40%); Theory to Practice Project (60%)

*Note: Department permission required for enrolment.*

The education of students with special education needs is the business of all teachers. This unit will further the study of policy and practices that assist teachers to cater for students with special needs through (a) examining strategies of how teachers can work together to address student need, and (b) how they can adjust their classroom practices to manage challenging and difficult social behaviour. At the completion of the unit students will be familiar with problem based approaches and whole school strategies for addressing the education outcomes for students with special education needs.

#### EDUP4066

##### IT in the Primary Classroom A

**Credit points:** 4 **Teacher/Coordinator:** Ms Vilma Fyfe **Session:** Semester 1 **Classes:** 20 hrs or 2 hrs/wk for 10 wks **Prerequisites:** 72 credit points of Professional Studies in Primary Education including EDUP3003 and EDUP3007 **Assessment:** Assessment will be based on school based IT projects (3000 wd equivalent) and workshop presentation (1000 wd equivalent).

*Note: Department permission required for enrolment.*

This unit builds upon earlier computer based experiences in Education 1 in order to develop students' understanding of, and skills in, the application of contemporary information and communication technologies in the Primary classroom. Technical aspects will be drawn from the use of ICT tools and construction of appropriate ICT teaching and learning resources, presentation software, Website design, and desktop publishing. The unit will deal with aspects of technology that impinge on teachers' own professional and administrative practice, the evaluation of IT related resources and the integration of IT into classroom activities.

#### EDUP4067

##### IT in the Primary Classroom B

**Credit points:** 4 **Teacher/Coordinator:** Ms Vilma Fyfe **Session:** Semester 2 **Classes:** 20 hrs or 2 hrs/wk for 10 wks **Prerequisites:** EDUP4066 **Assessment:** Assessment will be based on school based IT projects (3000 wd equivalent) and class presentations (1000 wd equivalent).

*Note: Department permission required for enrolment.*

This unit builds upon earlier computer based experiences in Education 1 and IT in the Primary Classroom (A) in order to develop students' understanding of, and skills in, the application of contemporary information and communication technologies in the Primary classroom. Technical aspects will be drawn from presentation software and

multimedia production. The unit will deal with aspects of technology that develop teachers' own professional practice using ICT, the evaluation of IT related school-based resources and the integration of IT into the classroom.

#### EDUP4068

##### TESOL (A) Special Course

**Credit points:** 4 **Teacher/Coordinator:** D Paul Dufficy **Session:** Semester 1 **Classes:** 2 hrs/wk for 10 wks **Prerequisites:** 72 credit points of Professional Studies in Primary Education including EDUP3003 & EDUP3007 **Assessment:** There is a range of linked assessment tasks in this unit. These include grammar tasks (20%); teaching a novel and book club (60%); and grammar test (20%).

*Note: Department permission required for enrolment.*

The content of this unit builds upon previous work completed in EDUP3003 and is based around teaching principles derived from current socio-cultural thinking. Four key principles are challenge, engagement, assisted performance, and handover. After an introduction that is concerned with broad policy issues, the focus will turn to grammar and the analysis of children's spoken and written texts. In addition, we will re-visit the teaching of literature with an emphasis on newly-arrived children and refugees.

#### EDUP4069

##### TESOL (B) Special Course

**Credit points:** 4 **Teacher/Coordinator:** Dr Paul Dufficy **Session:** Semester 2 **Classes:** 2 hrs/wk for 10 wks **Prerequisites:** EDUP4068 **Assessment:** There is a range of linked assessment tasks in this unit. These include vocabulary task design (30%); classroom assessment and resource design (40%); and refugee tutoring (30%). If tutoring opportunities are not available one year an alternative assessment task will be supplied.

*Note: Department permission required for enrolment.*

The content of this unit builds upon previous work completed in EDUP3003 and EDUP4068. The focus for this unit will be vocabulary development, analysis and development of ESL implementation, and the carrying out of a small-scale tutoring project.

#### EDUP4070

##### Integrated Arts (A) Special Course

**Credit points:** 4 **Teacher/Coordinator:** Dr Robyn Gibson **Session:** Semester 1 **Classes:** 2 hrs/wk for 12 wks **Prerequisites:** 72 credit points of Professional Studies in Primary Education and EDUP1001 and EDUP3008 **Assessment:** A reflective scrapbook derived from the in-school experience including planning processes for the work undertaken and a written critical reflection. Length, complexity and format appropriate for a final year unit of study within the discipline of the Creative Arts. Criteria will be negotiated jointly.

*Note: Department permission required for enrolment.*

This unit of study provides students with the opportunity to further their knowledge, skills, techniques and understandings in the Creative Arts, building on earlier units in the Bachelor of Education (Primary) program. It also involves teaching Creative Arts in a school context. Integrated Arts Special Course comprises Integrated Arts A (Semester 1) and Integrated Arts B (Semester 2).

#### EDUP4071

##### Integrated Arts (B) Special Course

**Credit points:** 4 **Teacher/Coordinator:** Prof Robyn Ewing, Dr Robyn Gibson **Session:** Semester 2 **Classes:** 2 hrs/wk for 10 wks **Prerequisites:** EDUP4070 **Assessment:** Assessment options will be negotiated with the students but are linked to unit outcomes and reflect the 4 credit point loading. Possible examples include: reflective scrapbook/portfolio; rationale for using Creative Arts in the primary school; critical responses to 'Arts' experiences

*Note: Department permission required for enrolment.*

This unit of study will further develop and extend students' knowledge, skills, techniques and understandings in the Creative Arts, building on the unit of study undertaken in Semester 1. It may include workshops, guest lecturers, excursions to galleries, concerts or performances, etc.

#### EDUP4072

##### Koori Kids in School A (Special Course)

**Credit points:** 4 **Teacher/Coordinator:** Ms Sharon Galleguillos **Session:** Semester 1 **Classes:** 2 hrs/wk for 10 wks **Prerequisites:** 72 credit points of Professional Studies in Primary Education **Assessment:** My Practicum School

#### 4. Education units of study

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and Community (1000 wd report and Powerpoint presentation); Resource Evaluation and Presentation (1000 wd report and oral presentation); NAIDOC Week Lesson Plans (Three lesson plans in preparation for Practicum)

*Note: Department permission required for enrolment.*

This unit of study aims to develop skills and knowledge that will enable students to address the many issues that face Indigenous pupils in the school environment. The unit focuses on the application of Aboriginal Studies in primary education and builds on the knowledge and skills gained in EDUP2006 Indigenous Australian Education. It is structured so that students, through lectures and workshops throughout Semester 1, are prepared to undertake their Practicum at a primary school with a significant cohort of Indigenous students and an Aboriginal Education Officer (AEO). Students will be guided in the application of more extensive consultative mechanisms with Aboriginal communities, organisations and individuals.

##### **EDUP4073**

##### **Koori Kids in School B (Special Course)**

**Credit points:** 4 **Teacher/Coordinator:** Ms Sharon Galleguillos **Session:** Semester 2 **Classes:** 2 hrs/wk for 10 wks **Prerequisites:** EDUP4072 **Assessment:** The role of the Aboriginal Education Officer (1000 wd report and Powerpoint presentation); The role of the District Office (1000 wd report); Excursion resource (1500 wds)

*Note: Department permission required for enrolment.*

This unit of study will build on the knowledge gained in Koori Kids in School A. The focus of this unit will be to further develop skills in preparation for their final practicum (internship) at a primary school with a significant cohort of indigenous students and an Aboriginal Education Officer (AEO). Students will participate in workshops given by Department of Education and Training personnel concerning Indigenous education within districts throughout NSW. This unit of study will deepen the understanding of contemporary and traditional Indigenous Australian culture, skills and knowledge and how this affects learning through practical engagement with Indigenous students, educators and communities.

## Education Exchange

### Year 2 Education Exchange

#### **EDUF2553**

#### **Education Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### Year 3 Education Exchange

#### **EDUF3553**

#### **Education Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### **EDUF3554**

#### **Education Exchange**

**Credit points:** 24 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### Year 4 Education Exchange

#### **EDUF4553**

#### **Education Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### Year 5 Education Exchange

#### **EDUF5556**

#### **Education Exchange**

**Credit points:** 24 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

## Table of Bachelor of Education units of study

<i>Unit of study</i>	<i>Credit points</i>	<i>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</i>	<i>Session</i>
<b>Education 1 (all Education students)</b>			
EDUF1018 Education, Teachers and Teaching	6	N EDUF1011	Semester 1
EDUF1019 Human Development and Education	6	N EDUF1012	Semester 2
<b>Science Foundations (Primary students)</b>			
EDUF1016 Science Foundations 1	6		Semester 1
EDUF1017 Science Foundations 2	6		Semester 2
<b>Education 2 (all Education students)</b>			
EDUF2006 Educational Psychology	6	P (EDUF1018 and EDUF1019) or 30 junior credit points	Semester 1
EDUF2007 Social Perspectives on Education	6	P (EDUF1018 and EDUF1019) or 30 junior credit points	Semester 2
<b>Education 3 (all Education students)</b>			
EDUF3031 Positive Approaches to Special Education	6	P 42 credit points	Semester 1 Semester 2
<b>Education 3 Options</b>			
EDUF3023 Sports, Leisure and Youth	6	P 42 credit points	Semester 1
EDUF3026 Global Poverty and Education	6	P 42 credit points.	Semester 2
EDUF3027 International Education	6	P 42 credit points	Semester 1
EDUF3028 Mentoring in Educational Contexts	6	P 42 credit points	Semester 1
EDUF3029 Psychology of Learning and Teaching	6	P 42 credit points and EDUF2006	Semester 2
EDUF3030 Australian Secondary Schooling	6	P 42 credit points	Semester 1
EDUF3032 Curriculum and Evaluation	6	P 42 credit points	Semester 2
EDUF3034 Australian Theatre, Film and Learning	6	P 42 credit points	Semester 1 Semester 2
EDUF3035 Multicultural Learning and Teaching	6	P 42 credit points	Semester 1
EDUF3036 Arts-Based Learning and Teaching	6	P 42 credit points	Semester 2
<b>Education 4 (all Education students)</b>			
EDUF4044 Reading and Designing Research	6	P 120 credit points including EDUF2006 and EDUF2007	Semester 1 Semester 2
Primary students enrol in Semester 2. HMHE and Combined degree students enrol in Semester 1.			
<b>Education Honours</b>			
EDUF4005 Research Honours A	6	<i>Note: Department permission required for enrolment</i>	Semester 1
EDUF4006 Research Honours B	6	P EDUF4005 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>Secondary: combined degrees (BEd and BA, BEd(Maths) and BSc, BEd(Sc) and BSc)</b>			
<b>Year 2 Professional Studies (compulsory units)</b>			
EDSE2001 Craft Knowledge and Prof Practices 1	6	P 48 credit points including 18 credit points of Education	Semester 1
EDSE2002 Indigenous Education: Secondary Schools	6	P 42 cpts including EDUF1018, EDUF1019 and EDSE2001	Semester 2

## 4. Education units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>Year 3 Professional Studies (compulsory units)</b>			
<b>EDSE3072 Craft Knowledge and Prof Practices 2</b>	4	<b>P</b> 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610.	Semester 2
<b>EDSE3073 Professional Experience A</b>	2	<b>P</b> 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610	Semester 2
<b>Year 3 Curriculum Units</b>			
<b>EDSE3037 Teaching Visual Arts 1A</b>	6	<b>P</b> 54 credit points including 24 credit points of Education including EDSE2001 and 12 senior credit pts of Art History and Theory <b>C</b> Practical art course taken at The Tin Sheds	Semester 1b
<b>EDSE3038 Teaching Visual Arts 1B</b>	6	<b>P</b> 54 credit points including 24 credit points of Education including EDSE2001 & 12 senior credit points of Art History and Theory <b>C</b> Practical art course taken at The Tin Sheds.	Semester 1b
<b>EDSE3056 Teaching Visual Arts 2A</b>	6	<b>P</b> EDSE3037 and Practical art course taken at The Tin Sheds. <b>C</b> Advanced practical art course taken at The Tin Sheds.	Semester 2
<b>EDSE3057 Teaching Visual Arts 2B</b>	6	<b>P</b> EDSE3037 and EDSE3038 and practical art course taken at The Tin Sheds <b>C</b> Advanced practical art course taken at The Tin Sheds and EDSE3056	Semester 2
<b>EDSE3040 Teaching History 1</b>	6	<b>P</b> 54 credit pts including 24 credit pts of Education including EDSE2001 and 12 Senior credit pts of History	Semester 1b
<b>EDSE3058 Teaching History 2</b>	6	<b>P</b> EDSE3040 plus 12 senior credit points of History.	Semester 2
<b>EDSE3041 Teaching Geography 1</b>	6	<b>P</b> 54 credit points including 24 credit points of Education including EDSE2001 and 12 Intermediate credit points of Geography	Semester 1b
<b>EDSE3059 Teaching Geography 2</b>	6	<b>P</b> EDSE3041 Teaching Geography 1 plus 12 intermediate credit points of geography	Semester 2
<b>EDSE3042 Teaching Drama 1</b>	6	<b>P</b> 48 credit pts including 24 credit pts of Education and EDSE2001 and 12 Senior credit pts of Performance Studies	Semester 1b
<b>EDSE3060 Teaching Drama 2</b>	6	<b>P</b> EDSE3042 plus 12 senior credit points of Performance Studies	Semester 2
<b>EDSE3043 Teaching TESOL 1</b>	6	<b>P</b> 54 credit points including 24 credit points of Education and EDSE2001 plus 12 Senior credit points of either Linguistics, English, or Languages.	Semester 1b
<b>EDSE3061 Teaching TESOL 2</b>	6	<b>P</b> EDSE3043 Teaching TESOL 1 plus 12 Senior credit points of either Linguistics, English or Languages	Semester 2
<b>EDSE3044 Teaching English 1</b>	6	<b>P</b> 54 Credit Points including 24 credit points of Education and EDSE2001 and 12 Senior credit pts of English or Australian Literature	Semester 1b
<b>EDSE3062 Teaching English 2</b>	6	<b>P</b> EDSE3044 plus 12 senior credit points of English	Semester 2
<b>EDSE3045 Teaching Mathematics 1A</b>	6	<b>P</b> 54 credit points including 24 credit points of Education and EDSE2001 and 12 credit points of Intermediate Mathematics	Semester 1b
<b>EDSE3046 Teaching Mathematics 1B</b>	6	<b>P</b> 54 credit points including 24 credit points of Education and EDSE2001 and 12 credit points of Intermediate Mathematics. <b>C</b> EDSE3045	Semester 1b
<b>EDSE3063 Teaching Mathematics 2A</b>	6	<b>P</b> EDSE3045 plus 12 credit points of intermediate mathematics or statistics	Semester 2
<b>EDSE3064 Teaching Mathematics 2B</b>	6	<b>P</b> EDSE3045, EDSE3046 and 12 credit points of intermediate mathematics or statistics <b>C</b> EDSE3063	Semester 2
<b>EDSE3047 Teaching Languages 1A</b>	6	<b>P</b> 54 credit points including 24 credit points of Education and EDSE2001 plus 12 credit points of Intermediate Languages	Semester 1b
<b>EDSE3048 Teaching Languages 1B</b>	6	<b>P</b> 54 credit points including 24 credit points of Education and EDSE2001 plus 12 credit points of Intermediate Languages <b>C</b> EDSE3047	Semester 1b
<b>EDSE3065 Teaching Languages 2A</b>	6	<b>P</b> EDSE3047 and 12 senior credit points of languages	Semester 2
<b>EDSE3071 Teaching Languages 2B</b>	6	<b>P</b> EDSE3047 and EDSE3048 and 12 senior credit points of languages <b>C</b> EDSE3065	Semester 2
<b>EDBT5610 Classical Hebrew &amp; Judaism Curriculum 1</b>	6	<b>P</b> 54 credit points including 24 credit points of Education and EDSE2001 plus 12 Credit points of senior Classical Hebrew and 12 credit points of senior Jewish Civilisation, Thought and Culture	Semester 1b
<b>EDBT5660 Classical Hebrew &amp; Judaism Curriculum 2</b>	6	<b>P</b> EDBT5610 Classical Hebrew & Judaism Curriculum 1	Semester 2
<b>EDSE3050 Teaching Commerce/Economics 1</b>	6	<b>P</b> 54 credit points including 24 credit points of Education and EDSE2001 and 12 Intermediate credit points of Economics or Political Economy	Semester 1b
<b>EDSE3067 Teaching Commerce/Economics 2</b>	6	<b>P</b> EDSE3050 Teaching Commerce/Economics 1 and 12 intermediate credit points of economics or political economy	Semester 2
<b>EDSE3051 Teaching Science 1 (Core)</b>	6	<b>P</b> 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate credit points in one Science Area (either Chemistry, Biology, Geology or Physics) + 6 credit points in 2nd Science area either Chemistry, Physics, Biology or Geology.	Semester 1b
<b>EDSE3068 Teaching Science 2 (Core)</b>	6	<b>P</b> EDSE3051 Teaching Science 1 (Core) and 12 intermediate credit points of science	Semester 2
<b>EDSE3074 Teaching Science Elective 1</b>	6	<b>P</b> 24 cpts of Education uos, 12 cpts in either Chemistry or Physics, and 12 Intermediate cpts in at least one of the Science discipline areas (Biology, Chemistry, Geology or Physics) <b>C</b> EDSE3051	Semester 1

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
EDSE3075 Teaching Science Elective 2	6	P 24 cpts of Education uos, EDSE3051, 12 cpts in either Chemistry or Physics and 12 Intermediate cpts in at least one of the Science discipline areas (Biology, Chemistry, Geology or Physics).	Semester 2
<b>Year 4 Professional Studies (compulsory units)</b>			
EDSE4042 Craft Knowledge and Prof Practices 3	6	P 108 credit points including 30 credit points of Education, EDSE3073, EDSE2001, EDSE3072 and two of the following EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3071, EDSE3066, EDSE3067, EDSE3068, EDBT5660	Semester 1
EDSE4043 Professional Experience B	2	P 108 credit points including 30 credit points of Education, EDSE2001, EDSE3072, EDSE3073 and two of the following: EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3071, EDSE3066, EDSE3067, EDSE3068, EDBT5660 C EDSE4042 and EDSE4044	Semester 1
EDSE4044 Information Technology in Schools	4	P 108 credit points including 30 credit points of Education. EDSE2001, EDSE3072 and two of EDSE4021, EDSE4022, EDSE4023, EDSE4024, EDSE4025, EDSE4026, EDSE4027, EDSE4028, EDSE4029, EDSE4031, EDSE4032, EDSE4033, EDSE4034, EDSE4035. EDSE4041 and EDBT6610 C EDSE4042, EDSE4043 N EDSE4038	Semester 2
<b>Year 4 Curriculum Units</b>			
EDSE4021 Teaching Visual Arts 3A	6	P EDSE3037 and EDSE3056 C EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4022 Teaching Visual Arts 3B	6	P EDSE3037, EDSE3038, EDSE3056, EDSE3057 and Practical art course taken at The Tin Sheds. C EDSE4021, EDSE4042, EDSE4043, EDSE4044 and Advanced practical art course taken at The Tin Sheds.	Semester 1
EDSE4023 Teaching History 3	6	P EDSE3040 and EDSE3058 C EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4024 Teaching Geography 3	6	P EDSE3041 Teaching Geography 1 & EDSE3059 Teaching Geography 2 C EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4025 Teaching Drama 3	6	P EDSE3042 and EDSE3060 plus 12 credit pts of Performance Studies C EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4026 Teaching TESOL 3	6	P EDSE3043 and EDSE3061 C EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4027 Teaching English 3	6	P EDSE3044 and EDSE3062 C EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4028 Teaching Mathematics 3A	6	P EDSE3045 and EDSE3063 C EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4029 Teaching Mathematics 3B	6	P EDSE3045, EDSE3046, EDSE3063 and EDSE3064 C EDSE4028, EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4030 Teaching Languages 3A	6	P EDSE3047 and EDSE3065 C EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4031 Teaching Languages 3B	6	P EDSE3047, EDSE3048, EDSE3065 and EDSE3071 C EDSE4030, EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDBT6610 Classical Hebrew & Judaism Curriculum 3	6	P EDBT5660 Classical Hebrew & Judaism Curriculum 2	Semester 1
EDSE4033 Teaching Commerce/Economics 3	6	P EDSE3050 and EDSE3067 C EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4034 Teaching Science 3 (Core)	6	P EDSE3051 and EDSE3068 C EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4035 Teaching Science 4 (Sci Hist & Phil)	6	P EDSE3051 and EDSE3068 C EDSE4042, EDSE4043 and EDSE4044	Semester 1
EDSE4075 Teaching Science Elective 3	6	P 24 cpts of Education uos, EDSE3051, 12 cpts in either Chemistry or Physics and 12 intermediate cpts in at least one of the Science discipline areas (Biology, Chemistry, Geology or Physics)	Semester 1
<b>Year 5 Professional Studies (compulsory units)</b>			
EDSE5008 Internship	6	P 144 credit points including 78 of Education and (EDSE3055 or EDSE3073) and (EDSE4040 or EDSE4043)	Semester 1
<b>Year 5 Curriculum Units</b>			
EDSE5001 TESOL as a Third Teaching Area	12	P 144 credit points including 78 credit points of Education and 24 credit points of English, Linguistics or a Language other than English C EDSE5008 and EDSE5009	Semester 1
EDSE5009 TESOL Professional Experience	6	P 144 credit points including 78 credit points of Education and 24 Credit Points from English, Linguistics and/or a Language other than English C EDSE5001 and EDSE5008	Semester 1
EDSE5010 Meeting the Needs of Cultural Diversity	12	P 144 credit points including 78 credit points of Education C EDBT5000 and EDSE5008	Semester 1
EDGU2000 Teaching English Internationally 1	6	P 144 credit points including 78 credit points of Education C EDSE5008 and EDBT5000	Semester 1
EDGU3000 Teaching English Internationally 2	6	P 144 credit points including 78 credit points of Education C EDGU2000, EDSE5008 and EDBT5000	Semester 1
EDBT5000 International Curriculum	6	P 144 credit points including 78 credit points of Education C EDSE5008 and (EDGU2000 and EDGU3000) or EDSE5010	Semester 1

## 4. Education units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>BEd (Secondary: Human Movement and Health Education)</b>			
<b>Year 1 Curriculum and Professional Studies</b>			
EDUH1005 Professional Practice in PDHPE 1	6		Semester 1
EDUH1006 Identifying Health Determinants	6	P EDUH1005	Semester 2
EDUH1007 Pedagogy for Physical Education 1	6	P EDUH1005	Semester 2
EDUH1017 Sports Mechanics	6	A No assumed knowledge of Physics N PHYS1001, PHYS1002, PHYS1901	Semester 1
<b>Year 2 Curriculum and Professional Studies</b>			
EDUH2016 Health of Young People 1	6	P 36 junior credit points including EDUF1018, EDUF1019, EDUH1005 and EDUH1006.	Semester 1
EDUH2017 Pedagogy for Physical Education 2	6	P 36 junior credit points including EDUF1018, EDUF1019, EDUH1007 and EDUH1005.	Semester 1
EDUH2018 Indigenous Perspectives in PDHPE	6	P 36 junior credit points including EDUF1018, EDUF1019 and EDUH1005.	Semester 1
EDUH2019 Professional Practice in PDHPE 2	6	P 36 junior credit points including EDUF1018, EDUF1019 and EDUH1005.	Semester 2
EDUH2020 Applied Anatomy and Physiology	6	P 36 junior credit points including EDUF1018, EDUF1019, EDUH1017 and EDUH1005	Semester 2
EDUH2029 Outdoor Education	6	P 36 junior credit points including EDUH1005, EDUF1018 and EDUF1019..	Semester 2
<b>Year 3 Curriculum and Professional Studies</b>			
EDUH3004 Psychosocial Health Issues	4	P 48 credit points of Professional Studies in HMHE including EDUH2005	Semester 1
EDUH3007 Professional Experiences in PDHPE 2	6	P 48 credit points of Professional Studies in HMHE including EDUH2010	Semester 1
EDUH3008 Physical Education Pedagogy 3	4	P 48 credit points of Professional Studies in HMHE including EDUH2009	Semester 1
EDUH3009 Physical Education Pedagogy 4	6	P 48 credit points of Professional Studies in HMHE including EDUH3008	Semester 2
EDUH3014 Assessment and Evaluation in PDHPE	4	P 48 credit points of Professional Studies in HMHE including EDUH2010 and EDUH3007	Semester 2
EDUH3027 Exercise Physiology	6	P 48 credit points of Professional Studies in HMHE including EDUH2001	Semester 1
EDUH3028 Adolescent Health Issues	6	P 48 credit points of Professional Studies in HMHE including EDUH2005 and EDUH3004	Semester 2
<b>Year 4 Curriculum and Professional Studies</b>			
EDUH4002 Physical Education Pedagogy 5	6	P 84 credit points of Professional Studies in HMHE including EDUH3009	Semester 1
EDUH4048 Professional Experiences in PDHPE 3	6	P 84 credit points of professional studies in HMHE including EDUH3007	Semester 1
EDUH4050 Sports Medicine	6	P 84 credit points of Professional Studies in HMHE	Semester 2
EDUH4051 Community Health Issues	6	P 84 credit points of Professional Studies in HMHE including EDUH3028	Semester 2
<b>Year 4 Options</b>			
EDUH4052 Learning in Outdoor Education	6	P 84 credit points of Professional Studies in HMHE <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
EDUH4053 Indigenous Sport, Education and Culture	6	P 84 credit points of professional studies in HMHE <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
EDUH4054 Issues in Nutrition Education	6	P 84 credit points of Professional Studies in HMHE <i>Note: Department permission required for enrolment</i>	Semester 2
EDUH4055 Fitness Training: Theory and Practice	6	P 84 credit points of Professional Studies in HMHE. <i>Note: Department permission required for enrolment</i>	Semester 1
EDUH4057 Administration of PDHPE and Sport	6	P 84 credit points of Professional Studies in HMHE. <i>Note: Department permission required for enrolment</i>	Semester 2
EDUH4058 Sport and Learning in Australian Culture	6	P 84 credit points of Professional Studies in HMHE <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2



<i>Unit of study</i>	<i>Credit points</i>	<i>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</i>	<i>Session</i>
<b>Bachelor of Education (Early Childhood)</b>			
<b>Year 1</b>			
EDEC1001 Early Childhood Settings and Communities	6		Semester 1
EDEC1004 Play and Learning in Early Childhood	6		Semester 1
EDEC1002 Health and Wellness in Early Childhood	6		Semester 2
EDEC1003 Changing Childhoods	6		Semester 2
<b>BEd (Primary)</b>			
<b>Year 1 Curriculum and Professional Studies</b>			
EDUP1001 Creative Arts 1	6		Semester 2
EDUP1002 Language, the Learner and the School	6		Semester 1
<b>Year 2 Curriculum and Professional Studies</b>			
EDUP2002 English: Learning to be Literate	4	P EDUP1002	Semester 1
EDUP2004 PDHPE1: Physical Activity	4	P EDUP1002	Semester 1
EDUP2005 Mathematics 1: Exploring Early Number	4		Semester 2
EDUP2006 Indigenous Australian Education	4	P EDUP1002	Semester 1
EDUP2027 Beginning Professional Experiences	8	P EDUP1002, EDUF1018 and EDUF1019 N EDUP2003	Semester 2
<b>Year 3 Curriculum and Professional Studies</b>			
EDUP3001 PDHPE 2: Active Healthy Primary Schools	4	P 36 credit points of professional studies in Primary Education including EDUP2004	Semester 1
EDUP3002 Human Society and its Environment	4	P 36 credit points of professional studies in Primary Education	Semester 1
EDUP3003 Teaching in Multilingual Classrooms	4	P 36 credit points of professional studies in Primary Education	Semester 1
EDUP3004 Mathematics 2: Space and Measurement	4	P 36 credit points of professional studies in Primary Education including EDUP2005	Semester 2
EDUP3005 Investigating in Science and Technology	4	P 36 credit points of professional studies in Primary Education including EDUF1016, EDUF1017 and EDUP2027	Semester 2
EDUP3006 English: Becoming Literate	4	P 36 credit points of professional studies in Primary Education including EDUP1002 and EDUP2002	Semester 2
EDUP3007 Professional Experiences 2 (Primary)	4	P 36 credit points of professional studies in Primary Education including EDUP2027 N EDUP2003	Semester 2
EDUP3008 Creative Arts 2	4	P 36 credit points of professional studies in Primary Education including EDUP1001	Semester 1
EDUP3034 PDHPE 3: The Health Promoting School	4	P 36 credit points of professional studies in Primary Education including EDUP2004 and EDUP3001	Semester 2
<b>Year 4 Curriculum and Professional Studies</b>			
EDUP4074 Mathematics Education 3	4	P 72 credit points of Professional Studies in Primary Education including EDUP2005 and EDUP3004	Semester 1
EDUP4075 Science & Technology (Designing/Making)	4	P 72 credit points of professional studies in Primary Education including EDUP2027, EDUP3005, EDUF1016 and EDUF 1017	Semester 1
EDUP4076 English: Being Critically Literate	4	P 72 credit points of professional studies in Primary Education including EDUP2002 and EDUP3006	Semester 1
EDUP4077 Teaching Children with Special Needs	4	P 72 credit points of Professional Studies in Education including EDUP3004 and EDUP3006	Semester 2
EDUP4079 Professional Experiences 3 (Primary)	4	P 72 credit points of Professional Studies in Primary Education including EDU1002, EDUP2027 and EDUP3007	Semester 1
EDUP4017 Professional Experiences 4 (Primary)	4	P 72 credit points of Professional Studies in Primary Education including EDUP1002, EDUP2027; EDUP3007; EDUP4079	Semester 2

## 4. Education units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
EDUP4080 Human Society and its Environment 2	4	P 72 credit points of Professional Studies in Education including EDUP3002	Semester 2
<b>Year 4 Options</b>			
EDUP4007 Primary Languages A	4	P 72 credit points of Professional Studies in Primary Education <i>Note: Department permission required for enrolment</i>	Semester 1
EDUP4008 Primary Languages B	4	P EDUP4007 <i>Note: Department permission required for enrolment</i>	Semester 2
EDUP4009 Special Education (A) Special Course	4	P 72 credit points of Professional Studies in Primary Education and EDUF3031 <i>Note: Department permission required for enrolment</i>	Semester 1
EDUP4010 Special Education (B) Special Course	4	P EDUP4009 <i>Note: Department permission required for enrolment</i>	Semester 2
EDUP4066 IT in the Primary Classroom A	4	P 72 credit points of Professional Studies in Primary Education including EDUP3003 and EDUP3007 <i>Note: Department permission required for enrolment</i>	Semester 1
EDUP4067 IT in the Primary Classroom B	4	P EDUP4066 <i>Note: Department permission required for enrolment</i>	Semester 2
EDUP4068 TESOL (A) Special Course	4	P 72 credit points of Professional Studies in Primary Education including EDUP3003 & EDUP3007 <i>Note: Department permission required for enrolment</i>	Semester 1
EDUP4069 TESOL (B) Special Course	4	P EDUP4068 <i>Note: Department permission required for enrolment</i>	Semester 2
EDUP4070 Integrated Arts (A) Special Course	4	P 72 credit points of Professional Studies in Primary Education and EDUP1001 and EDUP3008 <i>Note: Department permission required for enrolment</i>	Semester 1
EDUP4071 Integrated Arts (B) Special Course	4	P EDUP4070 <i>Note: Department permission required for enrolment</i>	Semester 2
EDUP4072 Koori Kids in School A (Special Course)	4	P 72 credit points of Professional Studies in Primary Education <i>Note: Department permission required for enrolment</i>	Semester 1
EDUP4073 Koori Kids in School B (Special Course)	4	P EDUP4072 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>Education Exchange</b>			
<b>Year 2 Education Exchange</b>			
EDUF2553 Education Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>Year 3 Education Exchange</b>			
EDUF3553 Education Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
EDUF3554 Education Exchange	24	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>Year 4 Education Exchange</b>			
EDUF4553 Education Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>Year 5 Education Exchange</b>			
EDUF5556 Education Exchange	24	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

## 5. Arts units of study

### American Studies

#### AMST2601

##### American Foundations

**Credit points:** 6 **Teacher/Coordinator:** Dr Melissa Hardie, Department of English **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 junior level credit points in the departments of English, and/or History and/or Art History and Film, in the Faculty of Arts **Assessment:** Close-reading exercise (1000 words); essay (2000 words); take-home exam (1500 words)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit introduces students to the contradictory richness of 'Americanness' from an interdisciplinary standpoint and prepares them for the Major in American Studies. It is divided into different modules, each addressing a core national myth. We will approach each module from a variety of angles: historiographical, literary and visual, opening lines of interrelation between historical and imaginary forms in the construction and ongoing redefinition of the United States.

#### AMST2801

##### American Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Clare Corbould **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in American Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the American Studies Program.

#### AMST2802

##### American Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

See AMST2801

#### AMST2803

##### American Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

See AMST2801

#### AMST2804

##### American Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

See AMST2801

#### AMST2805

##### American Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

See AMST2801

#### AMST2806

##### American Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

See AMST2801

#### USSC1010

##### America: Rebels, Heroes & Renegades

**Credit points:** 6 **Session:** Semester 1, Semester 2, Summer Main **Assessment:** Journal scrapbook 1500 words; Character profile 1500 words; Case study 1500 words; Critical analysis 1500 words.

*Note: This unit is available to year 11 students only.*

This unit introduces students to the complexity and diversity of the United States. The US is a powerful force in an increasingly globalised world and its people (throughout history and today) provide some insight into why this is so. The unit views the US through the lens of its influential people: male and female, ordinary and extraordinary, leaders in all walks of life, rebels with and without a cause, those who can be defined loosely as rebels, heroes and renegades.

#### USSC2601

##### US in the World

**Credit points:** 6 **Teacher/Coordinator:** Professor Geoffrey Garrett **Session:** Semester 2 **Classes:** one 1.5 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 junior credit points **Assessment:** Four critical reviews in weeks 2, 5, 8, 11 (each 800 words) 40%; Synthesis of semester's activities relating to opinion-formation, problem-solving and argument-defence (2000 words) 35%; Tutorial Participation 15%; Lecture Participation 10%

This unit of study introduces students to the key global transformations of the contemporary era, focusing on the role of the United States amid the challenges posed by: globalisation, the rise of Islamic extremism, nuclear proliferation, and the emergence of China and India as world powers. The unit is designed to give students the ability to look behind today's news headlines to understand the underlying forces driving them, particularly the behaviour and views of key policy makers and opinion leaders.

#### USSC2602

##### Introduction to US Politics

**Credit points:** 6 **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 junior credit points from Table A **Assessment:** Tutorial exercise 500 words 10%; Essay 2000 words 40%; 2 hour Exam (eqv. 2000 words) 40%; Tutorial participation 10%

This unit introduces students to US political institutions and political culture. The American electoral system and recent presidential elections will be examined as will the careers of American presidents from the 1960s onwards. Lastly, US public policies in the areas of race, welfare, and criminal justice will be examined. By the end of the unit students should have a comprehensive understanding of American domestic politics.

## Ancient History

#### ANHS1600

##### Foundations for Ancient Greece

**Credit points:** 6 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Winter Main **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** ANHS1003 **Assessment:** Assessable tasks (1000 words), participation, one 1000 word research exercise and one 2 hour exam

Delphic oracles, epic stories of heroes, graceful temples, tales of lust and tyranny - the Greek world has much to delight and surprise. This unit of study will introduce you to the study of ancient Greek history and culture and provides a springboard for further studies in history, archaeology and literature. It is informed by a cross-disciplinary



approach that combines a variety of perspectives to achieve a holistic view of the ancient world.

#### Textbooks

B. Powell and I. Morris. *The Greeks: History, Culture and Society*. Prentice Hall 2006

### ANHS1601

#### Foundations for Ancient Rome

**Credit points:** 6 **Teacher/Coordinator:** Dr Richard Miles **Session:** Semester 2 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** ANHS1004, ANHS1005 **Assessment:** one 500 word exercise, participation, one 1500 word research exercise and one 2 hour exam

From Spain to Turkey, from Britain to Africa, ancient Rome has left physical and cultural reminders of its role as ancient superpower. This unit of study will introduce you to the city of Rome itself, its turbulent history, its empire and its vibrant culture. It will provide a springboard for further studies in history, archaeology and literature. It is informed by a cross-disciplinary approach that combines a variety of perspectives to achieve a holistic view of the ancient world.

#### Textbooks

Kamm A. *The Romans: An Introduction*. London. Routledge 2003

### ANHS1602

#### Greek and Roman Myth

**Credit points:** 6 **Teacher/Coordinator:** Prof Eric Csapo **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prohibitions:** CLCV1001 **Assessment:** one 1500 word written assignment, and one 2 hour exam, assessable tasks (1000 words)

Stories about Greek and Roman gods, heroes, and monsters occupy an important place in Western culture. Greco-Roman mythology is the fount of inspiration for masterpieces of art, music, and literature. This unit examines these enduring ancient narratives, symbols, and mythical ideas in their historical, cultural and religious context. Learn about the manifold meanings of myth, its transformations and transgressions, its uses and abuses from antiquity to the present day.

#### Textbooks

Powell B. *Classical Myth*. 6th ed. Prentice Hall 2009

### ANHS1801

#### Ancient History Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ANHS2607

#### Rome 90 BC-AD 14: Making a World City

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Welch **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Ancient History or History OR 6 junior credit points of Ancient History and 6 junior credit points of either Classical Studies, Latin, Greek (Ancient), or Archaeology **Prohibitions:** ANHS2007 **Assessment:** one 3000 word essay and one 1500 word exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

'For the Romans, the extent of the City is the world'. So wrote Ovid late in the lifetime of Augustus. But Rome was not always a world city. It had to become one. The century in which the city established itself as the leading urban centre of the Mediterranean was one marked by civil wars and social upheaval. We focus in this unit on the lives and careers of key figures, on contemporary works of literature and above all on the physical transformation of Rome into a world capital.

### ANHS2608

#### The World Turned Upside Down

**Credit points:** 6 **Teacher/Coordinator:** Dr Lyn Olson **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Ancient History or History or Asian Studies OR 6 junior credit points of Ancient History or History or Asian Studies and 6 junior credit points of either Classical Studies, Latin, Greek (Ancient), or Archaeology **Prohibitions:** HSTY2024 **Assessment:** one 2500 word essay, one 2.5 hour exam and tutorial participation

This is the story of the transformation from the Roman to the medieval European world c.AD150-800, told mainly through the word and

artefacts of those who lived the transformation. We shall focus on three themes: authority structures, identities and frontiers; and shall test two propositions: that the Roman underworld and the barbarian underworld turned the old world upside down in the formation of medieval culture and that this world underwent deep structural change in the third and seventh centuries AD.

### ANHS2612

#### Historiography Ancient and Modern

**Credit points:** 6 **Teacher/Coordinator:** Dr Julia Kindt **Session:** Semester 1, Summer Main **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Ancient History or History or Asian Studies OR 6 junior credit points of Ancient History or History or Asian Studies and 6 junior credit points of either Classical Studies, Latin, Greek (Ancient), or Archaeology **Prohibitions:** ANHS2691, ANHS2692 **Assessment:** one 3000 word essay, one 1500 word exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

Greco-Roman historiography remains a central object of inquiry for students of the ancient world. This unit examines samples of Greco-Roman historiography in light of their original contexts and of modern approaches. Topics will include: Why did the ancients invent and how did they exploit literary representations of the past? What were their methods and their criteria for ascertaining historical truths? How was history implicated in Greco-Roman literature and in Greco-Roman culture? How can modern historiographical theories illuminate ancient practices?

### ANHS2613

#### Ancient Greece and Rome on Film

**Credit points:** 6 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Ancient History, Classical Studies, Ancient Greek or History OR 6 junior credit points of Ancient History and 6 junior credit points of either Latin, Greek (Ancient), Classical Studies, History, Philosophy, Archaeology (Classical) or Archaeology (Near Eastern) **Assessment:** one 2000 word essay, one 2 hour exam, and tutorial participation

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit examines the relationship between cinematic visions of antiquity and the writing of ancient history. In particular, it aims to look at how different schools, ideas, and methodologies in ancient history are reflected in cinematic production. Topics to be discussed include the role of historical consultants in film production, archaeological remains and the creation of 'the antique', cinema as an alternate site for the production of 'ancient history', and the utility of filmic metaphors for the practice of history.

### ANHS2614

#### The Emperor in the Roman World 14-117 AD

**Credit points:** 6 **Teacher/Coordinator:** Dr Paul Roche **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Ancient History, Classical Studies, Ancient Greek or History OR 6 junior credit points of Ancient History and 6 junior credit points of either Latin, Greek (Ancient), Classical Studies, History, Philosophy, Archaeology (Classical) or Archaeology (Near Eastern) **Assessment:** one 2500 word essay, one 2 hour exam and tutorial participation

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

The first century AD is a fascinating and important period of tension and negotiation between the emperor, senate, and people of Rome. The empire expanded to its physical apogee, and new avenues of power and arenas of competition emerged to transform politics. This unit examines the period 14-117 AD, comprising the reigns of the Julio-Claudians (Tiberius, Caligula, Claudius, Nero), Flavians (Vespasian, Titus, Domitian), Nerva, and Trajan. It will treat politics, court culture, the imperial family, foreign policy, conspiracy and propaganda.

### ANHS2804

#### Ancient History Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**ANHS2805****Ancient History Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ANHS2806****Ancient History Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ANHS2810****Ancient History Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ANHS2811****Ancient History Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ANHS3609****Herodotus and His World****Credit points:** 6 **Teacher/Coordinator:** Dr Julia Kindt **Session:** Semester 2  
**Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Ancient History, Classical Studies, Ancient Greek or History OR 6 junior credit points of Ancient History and 6 junior credit points of either Latin, Greek (Ancient), History, or Archaeology **Assessment:** one 2000 word essay, one 2000 word take-home exam

Herodotus' outlook is equally grounded in the archaic and classical periods. Influenced by various authors and genres he created something new and highly original: a work of enormous scope that blends history, literature, ethnography, cultural and military history. This unit looks at the rich and eventful history of the 5th century BC through the lens of Herodotus' work. We explore the different intellectual worlds Herodotus inhabited and relate them to the world he created in his Histories.

**ANHS4011****Ancient History Honours A****Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Classes:** two seminars, each seminar meeting for 2 hours per week for one semester **Prerequisites:** Credit average in 48 credit points of senior Ancient History including ANHS2612 (or equivalent) **Assessment:** a thesis of 18,000-20,000 word and 6,000 words of written work or its equivalent for each seminar*Note: Department permission required for enrolment.*

The Honours program in Ancient History consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester.

The thesis should be of 18,000-20,000 words in length. Each seminar requires 6,000 words of written work or it equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.

The following seminars are on offer in 2010:

Tragedy and Society (Dr Julia Kindt)

The Mediterranean World 88-49BC (Dr Kathryn Welch)

For more information, contact Dr Alastair Blanshard, Honours coordinator.

**ANHS4012****Ancient History Honours B****Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to ANHS4011 **Corequisites:** ANHS4011 **Assessment:** Refer to ANHS4011

Refer to ANHS4011

**ANHS4013****Ancient History Honours C****Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to ANHS4011 **Corequisites:** ANHS4012 **Assessment:** Refer to ANHS4011

Refer to ANHS4011

**ANHS4014****Ancient History Honours D****Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to ANHS4011 **Corequisites:** ANHS4013 **Assessment:** Refer to ANHS4011

Refer to ANHS4011

## Anthropology

**ANTH1001****Cultural Difference: An Introduction****Credit points:** 6 **Teacher/Coordinator:** Dr Erin Taylor/Dr Yasmine Musharbash **Session:** Semester 1, Summer Late **Classes:** two 1 hour lectures and one 1 hour tutorial per week, occasional hour-long optional film-screenings and workshops **Prohibitions:** ANTH1003 **Assessment:** Short and long essays, total 2500 words, plus one 2 hour exam

Anthropology explores and explains cultural difference while affirming the unity of humankind. It provides accounts of cultural specificity that illuminate the world today. Lectures will address some examples of cultural difference from the present and the past. These examples will introduce modern Anthropology, the method of ethnography, and its related forms of social and cultural analysis.

*Textbooks*

readings will be available at the University Copy Centre

**ANTH1002****Anthropology and the Global****Credit points:** 6 **Teacher/Coordinator:** Dr Terry Woronov **Session:** Semester 2 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** ANTH1004 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

Anthropology's long-term ethnographic method, within a specific cultural setting, allows for a particularly intimate understanding of people's experiences of the social worlds they inhabit. This course shows the importance of this experiential intimacy for understanding some of the key issues associated with globalisation: the culturally diverse forms of global capitalism, the transnational communities emanating from global population movements, the transformations of colonial and post-colonial cultures, the rise of global movements and the corresponding transformation of Western nationalism.

*Textbooks*

readings will be available at the University Copy Centre

**ANTH1801****Social Anthropology Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ANTH1802****Social Anthropology Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ANTH2601****The Ethnography of Southeast Asia****Credit points:** 6 **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points of Anthropology **Assessment:** 2500 words of written work (60%) and 2 hour exam (40%).

Southeast Asia comprises a broad spectrum of social and ecological landscapes, from primate cities to primary forests. This unit of study examines how humans have made meaningful lives in these contexts in terms of productive activities, social units, political formations and cultural representations. This unit also examines the various

approaches anthropologists have used for the task of conceptualising of and writing about these.

#### Textbooks

Readings available from the University Copy Centre.

### ANTH2605

#### Aboriginal Australia: Cultural Journeys

**Credit points:** 6 **Teacher/Coordinator:** Dr Yasmine Musharbash **Session:** Semester 1 **Classes:** two 1 hour lectures, one optional film hour and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points of Anthropology **Prohibitions:** ANTH2010, ANTH2025 **Assessment:** 2500 words of written work (60%) and 2 hours of examination (40%)

This unit examines the societies and cultural practices of Australian Aboriginal peoples in two different areas of Australia, the central/western Australia desert and the riverine areas of central/western New South Wales. These regions are distinctive - culturally, ecologically and historically - yet share commonalities in their practices of kin-relatedness and its 'writing' onto country, and their experiences of incorporation into the nation-state. The journeys to be explored are spatial and historical to understand how mobility and mutability characterise Aboriginal practice.

#### Textbooks

Readings will be available at the University Copy Centre

### ANTH2621

#### Initiation Rituals

**Credit points:** 6 **Teacher/Coordinator:** Dr Jadran Mimica **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points of Anthropology **Prohibitions:** ANTH2021 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

This unit examines and elucidates a wide range of phenomena commonly known as "initiation rituals". Through a wealth of ethnographies the course surveys male and female forms of these practices and appraises their various interpretations by anthropologists, psychoanalysts and scholars of comparative religion. A special focus is on the psycho-dynamics and meanings of self-transformations which these radical practices effect upon the practitioners themselves. The unit also articulates a general theory of ritual action grounded in phenomenology and psychoanalysis.

#### Textbooks

reading lists will be available at the beginning of lectures

### ANTH2623

#### Gender: Anthropological Studies

**Credit points:** 6 **Session:** Semester 1, Summer Late **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points of Anthropology **Prohibitions:** ANTH2020, ANTH2023 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

This unit explores the social and cultural dimensions of gender and sexuality in non-western societies. The main focus is the body in two interrelated senses. Firstly, how the body is culturally constructed by giving aspects of gender and sexuality meanings that do not simply reflect biology. Secondly, how bodies are socially constructed, for example through ritual. The relations of the dimensions of the body to the articulation of power and social change are also considered.

#### Textbooks

readings will be available at the University Copy Centre

### ANTH2625

#### Culture and Development

**Credit points:** 6 **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points of Anthropology **Assessment:** Mid term long answer questions (1500 words), essay (2500 words), tutorial presentation (500 words)

Development is the tension between new forms of wealth, human wants and structures of inequality generated by capital; the attempts through state and international political and legal systems to control that process; and the specificity of the local social systems they seek to 'develop'. This unit compares the variety of local forms of this process in colonial, post-colonial, third- and fourth world settings. Key

themes include: resource politics, religion, the politics of the family, ethnicity, corruption and contemporary violence.

### ANTH2626

#### The City: Global Flows and Local Forms

**Credit points:** 6 **Teacher/Coordinator:** Dr Terry Woronov **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points of Anthropology **Prohibitions:** ANTH2026 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

Modern cities are produced in two ways: (a) as types of city responsive to their larger social and cultural environment - the metropolis, the trading or rural centre and the city of sprawling shanty towns; (b) as types of ordered urban space that allocate different identities to a city's inhabitants. This unit focuses on ethnographic and historical studies of urbanism around the world. Lectures will also discuss the method of ethnography and its many uses for research in urban environments.

### ANTH2627

#### Medical Anthropology

**Credit points:** 6 **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial **Prerequisites:** 12 Junior credit points of Anthropology **Prohibitions:** ANTH2027 **Assessment:** 2,500 words of written work (60%) and 2 hours of examination (40%)

Medical anthropology is a comparative and ethnographic response to the global influence of biomedicine within diverse cultural worlds. This unit will examine major theoretical approaches, their respective critiques, and the methods that underpin them. Concepts such as 'health/illness', 'disease', 'well-being', 'life-death', and 'body/mind' will be located in a variety of cultural contexts and their implications for different approaches to diagnosis and treatment considered. The unit will include culturally located case studies of major contemporary health concerns such as AIDS.

### ANTH2628

#### Migration and Migrant Cultures

**Credit points:** 6 **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points of Anthropology **Prohibitions:** ANTH2120, ANTH2121 **Assessment:** 2500 words of written work and one 2 hour exam

This unit of study examines human migration and settlement from an anthropological perspective. It is framed by three general and connecting themes: (a) anthropology's turn from bounded cultures to the study of movement and contested identities; (b) the role of migration in transnational relations with a focus on middle and late modernity; and (c) the relation between the growth of migration populations and race relations, especially as this has unfolded in Australia.

#### Textbooks

readings will be available at the University Copy Centre

### ANTH2629

#### Race and Ethnic Relations

**Credit points:** 6 **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points of Anthropology **Prohibitions:** ANTH2117 **Assessment:** one 2500 word essay (60%) and one 2 hour exam (40%)

A comparative study of race and ethnic group relations. The unit will consider the history of ideas of 'race' and practices of racialising and their relationship to ethnicity. It will draw on studies from various areas including North America, the Caribbean, Japan and Australia.

#### Textbooks

Reading lists will be available at the beginning of lectures

### ANTH2631

#### Being There: Method in Anthropology

**Credit points:** 6 **Teacher/Coordinator:** Dr Yasmine Musharbash **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points of Anthropology **Assessment:** one 1500 word essay, one 3000 word fieldwork-based project, participation

Anthropology's distinctive method, termed ethnography, is grounded in long term participation in the cultural contexts that anthropologists

describe and analyse. This unit explores the disciplined but open nature of anthropological research and the radically contextual modes of interpretation that are embedded in the lives of its subjects. Issues include: the history of the method; the diverse situations in which anthropologists practice; the way that fieldwork experience shapes the method. Students will devise and report on their own project.

### ANTH2653

#### Economy and Culture

**Credit points:** 6 **Teacher/Coordinator:** Dr Neil Maclean **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Anthropology **Assessment:** one 2500 word essay (60%) and one 2 hour exam (40%)

Economic anthropology teaches that there are different kinds of economy, grounded in different forms of value (gift, commodity) and on different rationalities (kinship, chiefly, market). The nature of these differences is explored through ethnographic studies, as are the conflicts that arise from their articulation within a global system. Characterisations of economic practice are as corrupt, irrational, informal, black, profit as the work of the devil, money as bitter are treated as signs of such systemic conflict.

#### Textbooks

reading lists will be available at the beginning of semester

### ANTH2655

#### The Social Production of Space

**Credit points:** 6 **Session:** Semester 2 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points in Anthropology. **Prohibitions:** ANTH3911 **Assessment:** 2,500 words of written work (60%) and 2 hours of examinations (40%)

Space/place appears in anthropology as both a product of historically specific social practice and as an irreducible dimension of any social formation. This theoretical tension will be explored through examination of such themes as: the contradiction between the global as abstract space and the local as qualitatively distinct place; struggles over the definition and control of space; space/time as an aspect of any world; centre/periphery and inside/outside as pervasive tropes of social analysis.

#### Textbooks

Reading lists will be available at the beginning of lectures.

### ANTH2804

#### Social Anthropology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ANTH2805

#### Social Anthropology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ANTH2806

#### Social Anthropology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ANTH2810

#### Social Anthropology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ANTH2811

#### Social Anthropology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ANTH3601

#### Contemporary Theory and Anthropology

**Credit points:** 6 **Teacher/Coordinator:** Dr Jadran Mimica **Session:** Semester 1 **Classes:** one 2 hour seminar per week **Prerequisites:** 12 credit points of Senior Anthropology at Credit level or above **Prohibitions:** ANTH3921, ANTH3922 **Assessment:** 6000 words of written work

This honours preparation unit will assist students to define their objectives in anthropology and anticipate their honours year through: 1) exploring key concepts of anthropological analysis and critique, 2) increasing their knowledge of the ethnographic method and its contemporary challenges, 3) developing library research skills and experience in formulating a research project.

### ANTH3602

#### Reading Ethnography

**Credit points:** 6 **Teacher/Coordinator:** Prof Linda Connor **Session:** Semester 2 **Classes:** one 2 hour seminar per week **Prerequisites:** 12 Credit Points of Senior Anthropology completed at Credit level or above **Prohibitions:** ANTH3611, ANTH3612, ANTH3613, ANTH3614 **Assessment:** 6000 words of written work

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Ethnography is grounded on the 'participant observation' of social practice and the interpretation of values and experience in particular social contexts. It makes the strange familiar, and the familiar strange. This unit will focus on the relationship between research methods and design and the development of regionally and thematically specific debates in anthropology.

### ANTH4011

#### Social Anthropology Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Terry Woronov **Session:** Semester 1, Semester 2 **Classes:** consult department **Prerequisites:** Students must have a Credit average in Senior level Anthropology units totalling at least 48 credit points. Units must include ANTH3601 and at least one of the following: ANTH3602, ANTH3611, ANTH3613 or ANTH3614. **Assessment:** all of the major components of the Honours year will be assessed

*Note: Department permission required for enrolment.*

Honours consists of a number of seminars, coursework and the completion of a substantial research thesis. For details please contact the Chair of Department or the Honours Co-ordinator (where applicable).

### ANTH4012

#### Social Anthropology Honours B

**Credit points:** 12 **Teacher/Coordinator:** Dr Jadran Mimica **Session:** Semester 1, Semester 2 **Classes:** consult department **Corequisites:** ANTH4011 **Assessment:** all of the major components of the Honours year will be assessed

Please refer to ANTH4011

### ANTH4013

#### Social Anthropology Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Neil Maclean **Session:** Semester 1, Semester 2 **Classes:** consult department **Corequisites:** ANTH4012

Please refer to ANTH4011

### ANTH4014

#### Social Anthropology Honours D

**Credit points:** 12 **Teacher/Coordinator:** Dr Neil Maclean **Session:** Semester 1, Semester 2 **Classes:** consult department **Corequisites:** ANTH4013

Please refer to ANTH4011

## Arabic Language, Literature and Culture

### ARBC1611

#### Arabic Introductory 1B

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1 **Classes:** 4 hours per week **Prohibitions:** ARBC1311, ARBC1312, ARBC1101, ARBC1102 **Assessment:** 2.5-hour exam equivalent to 2000 words (50%), regular assignments and class assessment equivalent to 2000 words (50%).

This unit aims to teach Arabic as a living language. It is meant for students with no previous learning experience of the language. The unit is designed to introduce and build up basic language skills: listening and speaking, reading and writing, using modern standard and educated every-day Arabic. Students will learn basic vocabulary, language structures, morphology and syntax of Arabic in context,

through lively dialogues, realistic conversational situations, story lines, exercises and drills, rather than formal grammar. On completion of this unit, students progress to ARBC1612 in second semester.

*Textbooks*

Nijmeh Hajjar, *Living Arabic in Context: An Introductory Course*, Beirut, 2005

### ARBC1612 Arabic Introductory 2B

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** ARBC1101 or ARBC1611 or equivalent **Prohibitions:** ARBC1311, ARBC1312, ARBC1102 **Assessment:** 2.5-hour exam equivalent to 2000 words (50%), regular assignments and class assessment equivalent to 2000 words (50%).

This unit aims to strengthen students' listening, speaking, reading and writing skills in living Arabic. Emphasis will be on building up communicative ability as well as extending the vocabulary and language structures through realistic dialogues and story lines in modern standard and educated every-day Arabic. Morphology and syntax of Arabic are gradually introduced in context through a structured method of progression, using realistic patterns, exercises and drills, rather than formal grammar. On completion of this unit, students progress to ARBC2613.

*Textbooks*

Nijmeh Hajjar, *Living Arabic in Context: Arabic for Beginners, Stage 2*, Sydney, 2004. (Consult the department for textbook and audio CDs.)

### ARBC2613 Arabic Language and Literature 3B

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1 **Classes:** 4 hours per week for 9 weeks and 3 hours per week for 1 week **Prerequisites:** ARBC1102 or ARBC1612 or equivalent **Prohibitions:** ARBC1311, ARBC1312, ARBC2633, ARBC2634, ARBC2103 **Assessment:** Regular assignments (equivalent to 2000 words, 50%), 2.5-hour end of semester exam (equivalent to 2500 words, 50%).

This unit aims to extend students' language skills in Arabic and enable them to appreciate Arabic literary texts. Students will be able to build up their communicative ability and extend their knowledge of modern Arabic vocabulary and structures, through realistic dialogues and class activity, including role-playing. They will be introduced to modern Arabic literature through reading and discussing selected texts by prominent authors, in their societal context. On completion of this unit, students progress to ARBC2614.

*Textbooks*

Language material and a selection of literary texts will be available. (Consult the department.)

### ARBC2614 Arabic Language and Literature 4B

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 2 **Classes:** 4 hours per week for 9 weeks and 3 hours per week for 1 week **Prerequisites:** ARBC2103 or ARBC2613 or equivalent **Prohibitions:** ARBC2104, ARBC1311, ARBC1312, ARBC2313, ARBC2314, ARBC2633, ARBC2634, ARBC3635, ARBC3636, ARBC3637, ARBC3638 **Assessment:** Regular assignments (equivalent to 2000 words, 50%), 2.5-hour end of semester exam (equivalent to 2500 words, 50%).

This unit aims at further strengthening students' communicative skills in Arabic, both aural/oral and written, as well as building up their ability to read, appreciate and discuss samples of Arabic literature by prominent authors in their societal context. Students will be able to extend their knowledge of Arabic vocabulary and structures through realistic dialogues, role-playing and the use of a range of recorded material in Arabic. On completion of this unit, students progress to ARBC3615.

*Textbooks*

Language material and a selection of literary texts will be available. (Consult the department.)

### ARBC2633 Arabic Advanced Language & Literature 3A

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** HSC Arabic Extension or Arabic Continuers or 70% or above in Arabic Beginners (subject to placement test) or

equivalent **Prohibitions:** ARBC1311 **Assessment:** Regular assignments (equivalent to 2500 words), essay/exam (equivalent to 2000 words).

This unit aims to strengthen practical language skills, including writing and translation, to enrich the student's understanding of Arabic literature and culture, develop their analytical and critical skills through reading of a variety of Arabic texts by writers from different Arab countries, focusing on themes of modernity and identity as reflected in modern Arabic essays on political, social and cultural issues and in contemporary Arabic literature in general.

*Textbooks*

A dossier of texts will be provided.

### ARBC2634 Arabic Advanced Language & Literature 4A

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** ARBC1311 or ARBC2633 **Prohibitions:** ARBC1312, ARBC1101, ARBC1102, ARBC1611, ARBC1612 **Assessment:** Regular assignments (equivalent to 2500 words), essay/exam (equivalent to 2000 words).

This unit aims to strengthen practical language skills in Arabic, building on the approach followed in semester 1, including writing and translation skills to enrich students' understanding of Arabic literature and culture, and to develop their analytical and critical skills through reading of modern Arabic writers from various Arab countries.

*Textbooks*

A dossier of texts will be provided.

### ARBC2811 Arabic Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARBC2812 Arabic Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARBC2813 Arabic Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARBC2814 Arabic Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARBC3615 Arabic Language and Literature 5B

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1 **Classes:** 4 hours per week for 9 weeks and 3 hours per week for 1 week **Prerequisites:** ARBC2104 or ARBC2614 or equivalent **Prohibitions:** ARBC2105, ARBC1311, ARBC1312, ARBC2313, ARBC2314, ARBC2315, ARBC2316, ARBC2633, ARBC2634, ARBC3635, ARBC3636, ARBC3637, ARBC3638 **Assessment:** Regular assignments (equivalent to 2000 words, 50%), 2.5-hour end of semester exam (equivalent to 2500 words, 50%).

This unit aims to consolidate students' communicative skills, using realistic dialogues in modern standard and educated every-day Arabic, and samples of the Arabic press and electronic media. It equally aims to extend students' knowledge and appreciation of Arabic literature and culture through reading and discussion of representative texts by major Arabic authors in their societal context, with examples from different genres. On completion of this unit, students progress to ARBC3616.

*Textbooks*

Language material and a selection of literary texts will be available. (Consult the department.)



**ARBC3616****Arabic Language and Literature 6B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 2 **Classes:** 4 hours per week for 9 weeks and 3 hours per week for 1 week **Prerequisites:** ARBC2105 or ARBC3615 or equivalent **Prohibitions:** ARBC2106, ARBC1311, ARBC1312, ARBC2313, ARBC2314, ARBC2315, ARBC2316, ARBC2633, ARBC2634, ARBC3635, ARBC3636, ARBC3637, ARBC3638 **Assessment:** Regular assignments (equivalent to 2000 words, 50%), 2.5-hour end of semester exam (equivalent to 2500 words, 50%).

This unit aims to consolidate the students' competence in Arabic through dialogues in modern standard and educated every-day Arabic, reading and listening to material from the contemporary Arabic media, as well as writing and translation tasks relevant to real life situations. This unit equally aims to extend the students' knowledge and appreciation of Arabic literature and culture through reading and discussion of further representative texts by major Arabic authors in their societal context, with examples from different genres.

*Textbooks*

Language material, a selection of literary texts will be available. (Consult the department.)

**ARBC3635****Arabic Advanced Translation & Writing 5A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** ARBC1312 or ARBC2633 or equivalent **Prohibitions:** ARBC2313, ARBC1101, ARBC1102, ARBC1611, ARBC1612 **Assessment:** Regular assignments (equivalent to 2000 words), 2000 word essay, exam (equivalent to 2000 words).

This unit aims to develop written fluency in Arabic and English through translation methodology and skills. The course is designed to further develop students' advanced writing, reading and interpreting skills. Practical tasks will include translation from Arabic into English and vice versa, using a wide range of texts, including creative literature, the press, business and diplomatic correspondence and basic scientific, technical and literary documents.

*Textbooks*

Consult the department.

**ARBC3636****Arabic Advanced for Media Studies 6A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** ARBC1311 or ARBC2633 or equivalent **Prohibitions:** ARBC1101, ARBC1102, ARBC1611, ARBC1612, ARBC2314 **Assessment:** Regular assignments (equivalent to 2000 words), 2000 word essay, exam (equivalent to 2000 words).

This unit aims to strengthen advanced practical language skills in Arabic, including writing and communication, with focus on living Arabic for media studies to enrich the students' understanding of Arabic media and culture and to develop their practical and critical skills through dealing with a range of Arabic media.

*Textbooks*

Consult the department.

**ARBC3637****Arabic Advanced Translation & Writing 7A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** ARBC1312 or ARBC2634 **Prohibitions:** ARBC2315, ARBC1101, ARBC1102, ARBC1611, ARBC1612 **Assessment:** Regular assignments (equivalent to 2000 words), 2000 word essay, exam (equivalent to 2000 words).

This unit aims to further develop written fluency in Arabic and English through translation methodology and skills. The unit is designed to further strengthen students' advanced writing, reading, translation and interpreting ability. Practical tasks will include translation from Arabic into English and vice versa, using realistic contexts and a wide range of texts, including creative literature, the press, business and diplomatic correspondence and basic scientific, technical and literary documents.

*Textbooks*

Consult the department.

**ARBC3638****Arabic Advanced for Media Studies 8A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** ARBC1311 or ARBC2633 **Prohibitions:** ARBC2316, ARBC1101, ARBC1102, ARBC1611, ARBC1612 **Assessment:** Regular assignments (equivalent to 2000 words), 2000 word essay, exam (equivalent to 2000 words).

This unit aims to strengthen advanced practical language skills in Arabic, including writing, translation and communication, with focus on living Arabic for media studies to enrich the students' understanding of Arabic media and culture and to develop their practical and critical skills through dealing with a range of material related to the Arabic media, both written and electronic.

*Textbooks*

Consult the department.

**Arab World, Islam and The Middle East****ARIS1671****Arabs, Islam & Middle East: Introduction**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1 **Classes:** 3 hours per week **Assessment:** 2000 word essay, class presentation, final exam.

This unit provides an introduction to the study of the Arab world, Islam and the Middle East. It focuses on Arab and Islamic society and culture in the Middle East. Main themes include: Geographical setting and historical orientations; environment and society, the Arabs and the world of late antiquity; the importance of Arab trade and seafaring; the rise of Islam: the Prophet Muhammad and the Qur'an, Pillars of Islam and Community, the early Arab Islamic Caliphate; religion and politics in the Islamic tradition, Islamic law and society, aspects of Middle Eastern socio-economic and cultural life in the age of the Caliphate as a background to the early modern Middle East up to Ottoman times. On completion of this unit, students proceed to ARIS1672 in Semester 2.

*Textbooks*

Course readings and bibliography will be available.

**ARIS1672****Arab-Islamic Civilisation: Introduction**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** ARIS1001 or ARIS1671 **Assessment:** 2000 word essay, class presentation, final exam.

This unit focuses on Arab and Islamic Learning, Spirituality and Art. Themes include: The scope of classical Arabic learning: Qur'anic studies and Prophetic traditions, the Hellenistic legacy in Arabic learning, Islamic philosophy and sciences, geographical writings and historiography, issues in Islamic theology, role of scholars, the concept of knowledge; contribution of Arabic-speaking Christian scholars to classical Arab intellectual life; Islamic asceticism, mysticism and the Sufi orders; Arab and Islamic aesthetics: religious and secular art, architectural design and decoration, the role of calligraphy, geometry and arabesque. On completion of this unit, students should proceed to ARIS3675 and ARIS3676 in the year 2010 and to ARIS2673 and ARIS2674 in the year 2011.

*Textbooks*

Course readings and bibliography will be available.

**ARIS2801****Arab World Islam & Middle East Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**ARIS2802****Arab World Islam & Middle East Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARIS2803

#### Arab World Islam & Middle East Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARIS2804

#### Arab World Islam & Middle East Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARIS2805

#### Arab World Islam & Middle East Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARIS2806

#### Arab World Islam & Middle East Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARIS3675

#### Society and Politics in the Middle East

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** ARIS1001 or ARIS1671 or equivalent **Prohibitions:** ARIS2005 **Assessment:** Essay (equivalent to 2400 words, 40%), presentation (equivalent to 1200 words, 20%), final exam or assignments (equivalent to 2400 words, 40%).

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit focuses on the dynamics of society and politics in the modern Middle East, including the Arab world, Iran and Turkey. It investigates issues of diversity, commonality, continuity and change, Ottoman legacy and European colonial impact, traditional and modern elites, the role of oil, regional conflicts, Arab regional system and responses to globalisation, US policies and Western interests, dynamics of state, society and religion, women's rights, civil society and democratisation in the Middle East.

#### Textbooks

Course readings, bibliography and brief notes will be available.

### ARIS3676

#### Issues and Debates in Arab Culture Today

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** ARIS1001 or ARIS1671 or equivalent **Prohibitions:** ARIS2006 **Assessment:** Essay (equivalent to 2400 words, 40%), presentation equivalent to 1200 words, 20%), final exam or assignments (equivalent to 2400 words, 40%).

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit investigates how issues are debated in the contemporary Arab world, focusing on questions of pan-Arabism, the nation-state, regionalism and traditional loyalties, the Arabic language and cultural identity, history and attitudes to the past, 'authenticity', modernity, westernisation, attitudes to the West and the rest of the world, debates on secularism, 'neo-patriarchy', peace, progress, freedom, absenting and assertion of women's role, human rights, democracy, highlighting the role of intellectuals, the media and dynamics of public space in Arab countries.

#### Textbooks

Course readings, bibliography and brief notes will be available.

### ARIS3680

#### Approaches to Arabic and Islamic Studies

**Credit points:** 6 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 2 **Classes:** 2 hours of seminars per week **Prerequisites:** Credit in ARIS2673 or ARIS3675 or ARIS2003 or ARIS2005, and credit in ARBC2613 or ARBC3635 or ARBC2103 or ARBC2313 **Assessment:** Essay in English (3000 words) with a summary in Arabic (500 words or an additional 1000 word assignment in English), 15 minute presentation in either Arabic or English (equivalent to 2000 words).

This unit, which is a prerequisite for intending honours students, will provide students with a grounding in approaches, research tools and critical methodologies in various aspects of Arabic, Islamic and Middle Eastern Studies today and familiarise them with a range of available resources to support research in this field. It will enable students to discuss issues with established researchers and to carry out practical exercises aimed at developing their critical and analytical skills and their ability to embark on their own individual research projects under supervision in specific areas of Arab, Islamic and Middle Eastern Studies.

#### Textbooks

Course readings, bibliography and brief notes will be available.

### ARIS4011

#### Arabic and Islamic Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2 **Classes:** Two seminars, each seminar meets weekly for 2 hours for one semester **Prerequisites:** A total of 48 credit points in a combination of ARBC and ARIS senior units, with at least a Credit average. These include the 36 credit points of the major in Arabic and Islamic Studies, plus two more senior units, (including the special entry unit, ARIS3680 Approaches to Arabic and Islamic Studies). **Assessment:** A thesis of 18000-20000 words and 2500 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Arabic and Islamic Studies consists of:

- 1.a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet for two hours a week for one semester.

The thesis should be of 18000-20000 words in length. Each seminar requires 2500 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars are worth 25%.

The following seminars are on offer in 2010:

Methodology of Research in Arabic and Islamic Studies (Dr Nijmeh Hajjar)

Practical Advanced Language for Research Purposes (Dr Nijmeh Hajjar)

For more information contact, Dr Nijmeh Hajjar, Honours coordinator.

### ARIS4012

#### Arabic and Islamic Studies Honours B

**Credit points:** 12 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2 **Corequisites:** ARIS4011

Refer to ARIS4011

### ARIS4013

#### Arabic and Islamic Studies Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2 **Corequisites:** ARIS4012

Refer to ARIS4011

### ARIS4014

#### Arabic and Islamic Studies Honours D

**Credit points:** 12 **Teacher/Coordinator:** Dr Nijmeh Hajjar **Session:** Semester 1, Semester 2 **Corequisites:** ARIS4013

Refer to ARIS4011

## Archaeology

### ARCA1001

#### Ancient Civilisations

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Alison Betts **Session:** Semester 1, Summer Late **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Assessment:** one 500 word assignment, one 1500 word essay, one 2 hour exam

This unit is a general introduction to the major civilisations of the ancient world - Egypt, Mesopotamia, Greece and Rome, China, South East Asia, the Indus Valley, Bactria and Margiana (Central Asia). No prior knowledge of any of these societies is presumed. We aim to

balance discussing broad issues relevant to all ancient civilisations, and specific cases (sites, material remains) from specific civilisations. By the end of this unit, you should have gained an appreciation of the major achievements and characteristics of many of the world's earliest civilisations.

### ARCA1002

#### Archaeology: An Introduction

**Credit points:** 6 **Teacher/Coordinator:** Dr Martin Gibbs **Session:** Semester 2 **Classes:** two 1 hour lectures, and 2 hours of workshops per week (weeks 4-9) **Prohibitions:** ARPH1001 **Assessment:** two class tests (equivalent to 1000 words) and six workshop exercises (equivalent to 3500 words)

Archaeology is a dynamic world-wide discipline which draws on both the sciences and humanities to interpret material remains of the human past. This unit introduces key aspects of archaeological method and theory and explores links between archaeological practice and heritage issues of wide public interest based on archaeological case studies. It provides an essential introduction for senior units of study in Archaeology and will also interest anyone with a more general interest in this fascinating and topical field of study.

### ARCA2602

#### Field Methods

**Credit points:** 6 **Teacher/Coordinator:** Dr Martin Gibbs **Session:** Semester 1 **Classes:** one 3 hour workshop per week **Prerequisites:** 12 junior credit points of Archaeology **Prohibitions:** ARPH3921 **Assessment:** one 3000 word report/lab book and one 1000 word class test

This unit is an essential introduction to the basic principles and skills involved in archaeological fieldwork. A special focus is on the practical aspects of archaeological research design, including sampling and survey strategies. The unit includes lectures and on-campus training in core survey techniques, including site descriptions and field-plans, tape and compass site recording and surveys using dumpy-level. The ethical and legal aspects of archaeological field investigations will also be considered.

### ARCA2603

#### Archaeology of Sydney

**Credit points:** 6 **Teacher/Coordinator:** Dr Martin Gibbs **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Archaeology **Assessment:** one 2500 word essay, one 1000 word seminar paper, one 500 word in-class test

Beneath the surface of the large, vibrant city we call Sydney lie many remains of our Indigenous and colonial past. The unit provides an introduction to ways that archaeology, in conjunction with documentary and other evidence, can be used to provide new interpretations of Sydney's hidden past. Histories of the Sydney region revealed through archaeological research are placed in the broader context of the history and archaeology of European and British colonial expansion after AD1500.

### ARCA2605

#### Archaeology of Aboriginal Australia

**Credit points:** 6 **Teacher/Coordinator:** Dr Sarah Colley **Session:** Semester 2 **Classes:** one 2 hour lecture per week **Prerequisites:** 12 junior credit points of Archaeology **Prohibitions:** ARPH2607 **Assessment:** one 3500 word essay, one 1500 word seminar paper and one 1000 word in-class test

An introduction to major research questions and issues in Australian Aboriginal archaeology. The unit examines archaeological evidence for over 40,000 years of Australia's pre-colonial Indigenous history and for interactions between Aboriginal peoples and outsiders from Indonesia, Britain and elsewhere over the last 300 years or so of Australia's colonial history. Case studies will be used to discuss issues of professional ethics and Indigenous community involvement in Australian archaeology.

### ARCA2607

#### Digital Methods

**Credit points:** 6 **Teacher/Coordinator:** Dr Ian Johnson **Session:** Semester 2 **Classes:** one 1 hour lecture and one 2 hour workshop per week **Prerequisites:** 12 junior credit points of Archaeology **Prohibitions:** ARPH3690

**Assessment:** creation and documentation of two on-line class discussions, weekly wiki entries and discussions describing project research steps **Practical field work:** online discussion and wiki contributions

Every part of life today is touched by digital methods, not least Archaeology and other historical disciplines. This course reviews the ways in which digital methods and global connectivity are changing the practice of historical disciplines. Practical sessions will give students the opportunity to develop skills in basic data management (recording systems, bibliographies, databases), creating and manipulating images (digital photographs, maps and diagrams) and dissemination on the web (web sites, blogs, wikis and social systems).

### ARCA2611

#### Ancient Mediterranean Lives

**Credit points:** 6 **Teacher/Coordinator:** Prof Meg Miller **Session:** Semester 2 **Classes:** one 2 hour lecture per week **Prerequisites:** 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies **Assessment:** one 3000 word essay, one 1 hour test and one 2 hour exam

The archaeology of Greek urban settlement encompasses the range from early Iron Age villages through the complex planned cities of the Hellenistic and Roman eras. Such themes as house design and interior, evidence for the religious life of the polis, streets, evolution of public architecture, and the extent to which social structure can be deduced from archaeological remains, are addressed.

### ARCA2613

#### Athenian Art, Architecture and Society

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Beaumont **Session:** Semester 1, Summer Main **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies **Prohibitions:** ARCL2601 **Assessment:** one 2000 word essay, one slide test and one 2 hour exam

Athenian art and architecture are examined within their topographical and socio-political context. The chronological focus of study is the Archaic and Classical periods, a time of great and dynamic cultural and socio-political change. Lectures are complemented by regular "hands-on" tutorials in the Nicholson Museum.

### ARCA2615

#### Etruscans and Romans

**Credit points:** 6 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies **Assessment:** one 2000 word essay, one 1.5 hour exam, tutorial/workshop based exercises

The Etruscans were one of the superpowers of the Archaic Mediterranean, but the reconstruction of their civilization falls mainly to Archaeology, since so little Etruscan literature survives. This Unit will begin by surveying Etruscan civilisation, concentrating on social, economic, political and artistic developments. Similar themes will be pursued for the Romans, but the scale of the enquiry will increase vastly as the Romans take control of Italy, the Mediterranean, and lands far beyond.

### ARCA2616

#### Early East and Southeast Asian Cultures

**Credit points:** 6 **Teacher/Coordinator:** Prof Roland Fletcher **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Archaeology **Assessment:** two 2000 word essays

Southeast Asia is an expansive region with a wide and varying prehistory and a dynamic historic period. This introduction to the archaeology of east and southeast Asia covers the period from the Holocene to the rise of chiefdoms. This unit explores the ancient cultures of Thailand, Cambodia, Vietnam as well as Burma and Laos. Chinese archaeology from the earliest times is also covered up to the Qin dynasty. Particular attention is paid to the beginnings of agriculture in the region.

### ARCA2801

#### Archaeology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARCA2802

#### Archaeology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARCA2803

#### Archaeology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARCA2804

#### Archaeology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARCA2805

#### Archaeology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARCA2806

#### Archaeology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARCA2807

#### Archaeology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARCA2808

#### Archaeology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ARCA3601

#### Research in Australasian Archaeology

**Credit points:** 6 **Teacher/Coordinator:** Prof Roland Fletcher **Session:** Semester 2 **Classes:** one 2 hour seminar per week **Prerequisites:** Credit average in 24 senior credit point of Archaeology **Assessment:** one 4000 word research report, one 1500 word seminar write up, one seminar presentation (equivalent to 500 words)

An advanced seminar for students who wish to develop their research, analytical, writing and presentation skills by investigating a key area of contemporary archaeological research. Specific topics will vary from year to year with primary emphasis on Australasian archaeology (Australia, the Pacific and Asia) placed in global perspective and/or current issues in archaeological theory, method and practice relevant to staff research projects (e.g. history and philosophy of archaeology, spatial analysis, digital methods, public archaeology and heritage studies, historical archaeology, archaeozoology, archaeologies of colonialism).

### ARCA3603

#### Ionia and the East Greek World

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Beaumont **Session:** Semester 2 **Classes:** one 2 hour seminar per week **Prerequisites:** Credit results in two of ARCA2610, ARCA2612 and ARCA2615 **Assessment:** one 3500 word essay, one exam equivalent to 1500 words, one seminar presentation equivalent to 1000 words

This unit investigates the archaeology and society of Ionia and its East Greek neighbours. Now located partly in modern Greece and partly in Turkey, Ionia since antiquity has always formed an important bridge between East and West. Students will be encouraged to explore the resulting cultural identity and influence of Ionia as expressed in the archaeological record.

### ARCA4011

#### Archaeology Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Classes:** two seminars, each seminar meets weekly for 2 hours for one semester (or equivalent) **Prerequisites:** Credit average or better in 48 senior credit points in Archaeology (including cross-listed units for students doing Honours in Heritage Studies topics (see separate Heritage Studies entry). The following information is for Honours entry for 2010. Students who intend to specialise in Classical Archaeology at Honours should normally have obtained (a) credit or better result in ARCA3600, (b) credit or better result in ARCA3602 or ARCA 3603 or ARCA 3604 (or equivalent), (c) credit or better average results in ARCA 2610 and ARCA2612 and ARCA2615 (or equivalent), (d) credit average results in any three other senior Archaeology or Heritage Studies units (including those in the list above and senior Archaeology exchange units), and (e) HSC 2-unit or equivalent knowledge of at least one of the following languages: French, German, Italian and Modern Greek. Students who intend to specialise in Near Eastern and/or West Asian Archaeology at Honours should normally have obtained (a) credit or better results in ARCA3600, (b) credit or better results in ARNE2691 and ARNE3691, and (c) credit average results in 5 additional senior units of Archaeology including at least 2 of the following: ARCA2604; ARCA2608; ARCA2609; ARNE2601; ARNE2602; ARNE2606; ARNE2606; ARNE2607. Students who intend to specialise at Honours in other regional archaeology (e.g. Australia, Asia, Pacific), Heritage Studies or a thematic topic should normally have obtained (a) credit or better results in ARCA3600, (b) credit or better results in at least two of the following hands-on practical units ARPH2602, ARCA2601, ARCA2602, ARCA2606, ARCA2607, ARCA2617 (or equivalent), (c) credit or better results in at least three of the following ARPH2603, ARPH2612, ARPH 2616, ARCA2603, ARCA2605, ARCA2616 (or equivalent), and (c) credit average results in any two other senior Archaeology or Heritage Studies units (including those listed above and senior Archaeology exchange units). The Department will only approve Honours research topics which are considered appropriate to the content of senior units of study obtained by the student. ARCA3600 will not be offered in 2010. For 2011 Honours entry students should complete at least one subject specific pre-Honours unit of study and gain credit results or better: ARCA3602, 3603 or 3604 for Classical Archaeology; ARNE3691 (or equivalent) for Near Eastern and/or West Asian Archaeology; ARCA3601 (or equivalent) for all other Honours topics (e.g. Australian, Asian, Pacific, Heritage Studies or other thematic research). These exact pre-requisites will be waived where students are unable to meet the new requirements due to curriculum changes. For Classical Archaeology at Honours students should also have obtained HSC 2-unit or equivalent knowledge of at least one of the following languages: French, German, Italian and Modern Greek. 2011 Honours pre-requisites are listed here for general guidance only. Exact pre-requisites will be advised in 2010. Please contact relevant Department staff for advice and assistance. All students with credit or above results are encouraged to apply for Honours. **Assessment:** a thesis of 18,000-20,000 words and 6,000 words of written work or its equivalent for each seminar

*Note: Department permission required for enrolment.*

The Honours program in Archaeology consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours (or equivalent) each for Semester 1.

The thesis should be of 18,000-20,000 words in length. Each seminar requires 6,000 words of written work or its equivalent.

The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.

The following seminars are on offer in 2010:

History and Philosophy of Archaeology (Dr Sarah Colley)

Approaches to Archaeological Research (Dr Javier Alvarez-Mon)

For more information, contact Dr Ted Robinson (Chair of Department).

### ARCA4012

#### Archaeology Honours B

**Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to ARCA4011 **Corequisites:** ARCA4011 **Assessment:** Refer to ARCA4011

Refer to ARCA4011

### ARCA4013

#### Archaeology Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to ARCA4011 **Corequisites:** ARCA4012 **Assessment:** Refer to ARCA4011

Refer to ARCA4011

**ARCA4014****Archaeology Honours D**

**Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to ARCA4011 **Corequisites:** ARCA4013 **Assessment:** Refer to ARCA4011

Refer to ARCA4011

**Archaeology (Classical)****ARCL1801****Archaeology (Classical) Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**ARCL2605****The Archaeology of the Roman East**

**Credit points:** 6 **Teacher/Coordinator:** Dr Kate da Costa **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies **Assessment:** one 2500 word essay, class work in tutorials, one 1 hour exam

Between the inheritance of Pergamon in 133BC and the Islamic conquest of the Levant in 640AD, Rome gained political control over territory stretching from Asia Minor, through the Levant to Egypt. This course introduces significant sites and material culture showing the interaction of Rome and local cultures. It examines evidence from settlement patterns, architecture, trade and manufacture, luxury and humble products, domestic and sacred contexts in order to understand the nature and functioning of the Roman Eastern Empire.

**ARCL2804****Archaeology (Classical) Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**ARCL2805****Archaeology (Classical) Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**ARCL2806****Archaeology (Classical) Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**ARCL2810****Archaeology (Classical) Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**ARCL2811****Archaeology (Classical) Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**ARCL4011****Archaeology (Classical) Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Classes:** one 2 hour seminar per week **Prerequisites:** (a) Credit results in ARCL2600 Special Topics in Classical Athens and ARCL3691 Research Issues in Classical Archaeology (or equivalent); (b) Credit average in two of the following units: ARCL 2601 (The World of Classical Athens), ARCL 2602 (Cities and Sanctuaries), ARCL 2603 (The Archaeology of Pre-Roman Italy), ARCL 2604 (Aegean Prehistory [ca. 3000-1100 BC]), ARCL 2605 (The Archaeology of the Roman East) (or equivalent); (c) Credit average in any two other Senior Archaeology or Heritage Studies units (including those in the list above and senior Archaeology exchange units); (d) HSC 2-unit or equivalent knowledge of at least one of the following languages: French, German, Italian and Modern Greek. **Assessment:** All of the major components of the Honours year will be assessed.

*Note: Department permission required for enrolment. Note: All intending Honours students should complete ARCA3600 Archaeological Research Principles.*

Available only to students who commenced Archaeology (Classical) Honours prior to 2010

**ARCL4012****Archaeology (Classical) Honours B**

**Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Corequisites:** ARCL4011 **Assessment:** As ARCL4011

Available only to students who commenced Archaeology (Classical) Honours prior to 2010

**ARCL4013****Archaeology (Classical) Honours C**

**Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Corequisites:** ARCL4012 **Assessment:** As ARCL4011

Available only to students who commenced Archaeology (Classical) Honours prior to 2010

**ARCL4014****Archaeology (Classical) Honours D**

**Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Corequisites:** ARCL4013 **Assessment:** As ARCL4011

Available only to students who commenced Archaeology (Classical) Honours prior to 2010

**Archaeology (Near Eastern)****ARNE1801****Archaeology (Near Eastern) Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**ARNE2601****Egyptian Archaeology**

**Credit points:** 6 **Teacher/Coordinator:** Dr Wendy Reade **Session:** Semester 1, Winter Main **Classes:** 2 hours of lectures per week **Prerequisites:** 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies **Prohibitions:** ARNE2010 **Assessment:** one 1 hour test, one 3000 word essay and one 2 hour exam

This unit offers the student an introduction to the rich cultures of ancient Egypt, examining the rise of complex society in Egypt and the development, flourish and regional impact of the Egyptian state. It will explore Egyptian art, architecture, material culture, religion, kinship and attitudes to death and burial through examination of archaeological, textual and iconographic evidence.

**ARNE2602****Ancient Mesopotamia**

**Credit points:** 6 **Teacher/Coordinator:** Dr Javier Alvarez-Mon **Session:** Semester 2 **Classes:** one 1 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies **Assessment:** one 2 hour exam and two 2000 word essays

This unit will examine the archaeology and early history of Mesopotamia, focussing on: climate and the evolution of landforms; evidence for early settlement; subsistence and natural resources; production; kinship; religion; mortuary practices; writing; and contact with adjacent peoples, particularly concentrating on Iran, the Gulf, and the Indus Valley.

**ARNE2804****Archaeology (Near Eastern) Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**ARNE2805****Archaeology (Near Eastern) Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**ARNE2806****Archaeology (Near Eastern) Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ARNE2810****Archaeology (Near Eastern) Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ARNE2811****Archaeology (Near Eastern) Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ARNE3691****Special Topics in West Asian Archaeology****Credit points:** 6 **Teacher/Coordinator:** Dr Javier Alvarez-Mon **Session:** Semester 2 **Classes:** one 2 hour seminar per week **Prerequisites:** Credit average in 24 senior credit points of Archaeology **Prohibitions:** ARNE3901 **Assessment:** one 3000 word essay and one 3000 word take-home exam*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

An advanced seminar for students who wish to develop their research, analytical, writing and presentation skills by investigating a body of material from selected excavations in the Near East. Specific topics will vary from year to year with an emphasis on ancient technology, iconography, chronology and spatial distribution.

**ARNE4011****Archaeology (Near Eastern) Honours A****Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Classes:** one 2 hour seminar per week **Prerequisites:** (a) Credit results in ARNE 2901/2691 (Material Culture) and ARNE 3901/3691 (Special Topics in West Asian Archaeology); (b) Credit average in two further senior units of Archaeology or Heritage Studies; (c) reading ability in a relevant modern European language (French, German, Italian). **Assessment:** All of the major components of the Honours year will be assessed.*Note: Department permission required for enrolment. Note: All intending Honours students should complete ARCA3600 Archaeological Research Principles.*

Available only to students who commenced Archaeology (Near Eastern) Honours prior to 2010

**ARNE4012****Archaeology (Near Eastern) Honours B****Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Corequisites:** ARNE4011

Available only to students who commenced Archaeology (Near Eastern) Honours prior to 2010

**ARNE4013****Archaeology (Near Eastern) Honours C****Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Corequisites:** ARNE4012

Available only to students who commenced Archaeology (Near Eastern) Honours prior to 2010

**ARNE4014****Archaeology (Near Eastern) Honours D****Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Corequisites:** ARNE4013

Available only to students who commenced Archaeology (Near Eastern) Honours prior to 2010

**Archaeology (Prehistoric and Historical)****ARPH1801****Archaeology (Prehistoric & Historic) Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ARPH2602****Scientific Analysis of Materials****Credit points:** 6 **Teacher/Coordinator:** Dr Melanie Fillios **Session:** Semester 1 **Classes:** one 3 hour lecture/seminar per week **Prerequisites:** 12 Junior credit points in Archaeology **Prohibitions:** ARPH2621 **Assessment:** four 1000 word assignments and practical participation

This unit examines the structure and properties of archaeological materials, with an emphasis on bone. It focuses on the methodology and approaches to scientific analysis. A range of analytical techniques, including spectroscopic and electron microscopy methods, are introduced. The focal point is on archaeological applications and interpretation. Assessment is by assignment and practical sessions.

**ARPH2603****The Archaeology of Society****Credit points:** 6 **Teacher/Coordinator:** Prof Roland Fletcher **Session:** Semester 1 **Classes:** one 2 hour lecture per week **Prerequisites:** 12 Junior credit points of Archaeology **Prohibitions:** ARPH2003 **Assessment:** two 2000 word essays and one 2 hour class test

A global introduction to the processes and issues involved in the major transformation of human settlement behaviour since the end of the last glacial phase. Essay and project topics are arranged on an individual basis in consultation with the coordinator to suit the interests of students. Topics may be chosen on a worldwide basis. This unit of study can be used to conduct a detailed study of one region or to gain experience of a diversity of regions and topics.

**ARPH2617****Analysis of Stone Technology****Credit points:** 6 **Teacher/Coordinator:** Dr Nina Kononenko **Session:** Semester 2 **Classes:** 3 laboratory hours per week **Prerequisites:** 12 junior credit points of Archaeology **Prohibitions:** ARPH2517 **Assessment:** one 1000 word laboratory notebook, one 1500 word in-class test, one 2000 word report/essay

This unit introduces students to the methods and theory behind the analysis and interpretation of flaked stone technology. Students will develop skills in the identification, classification and recording of stone artefacts which are valuable in consultancy and research archaeology worldwide. Topics will include the origin and development of stone technology in world prehistory, the reductive nature of artefact manufacture, identifying artefact attributes, implement typology and theoretical links between artefacts and human behaviour.

**ARPH2804****Archaeology (Prehistoric & Historic) Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ARPH2805****Archaeology (Prehistoric & Historic) Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ARPH2806****Archaeology (Prehistoric & Historic) Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***ARPH4011****Archaeology (Prehist/Historical) Hons A****Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Classes:** Semester 1: one 2 hour class per week, one 2 hour weekly seminar; Semester 2: one 2 hour weekly seminar **Prerequisites:** (a) Credit results in ARPH3692 (Archaeological Research Principles) and ARPH3693 (Archaeological Practice) (or equivalent); (b) Credit results in two of the following units: ARPH2614 (Archaeological Methods), ARPH2602 (Scientific Analysis of Materials), ARPH2617 (Analysis of Stone Technology), ARPH3690 (Archaeological Applications of Computing) (or equivalent); (c) Credit results in two of the following units: ARPH2006 (Australian Archaeology), ARPH2605 (The Archaeology of Modern Times), ARPH2612 (Historical Archaeology), ARPH2611 (Archaeology of Asia), ARPH2603 (The Archaeology of Society), ARPH2616 (Public Archaeology), ARHT2641 (Art & Archaeology of SE Asia) (or equivalent); (d) Credit average in any two other Senior Archaeology or Heritage Studies units (including those in the lists above). Due to curriculum

review students may be admitted to Honours, at the discretion of the Department, if they have Credit results in equivalent Archaeology units previously taught but now discontinued. **Assessment:** All of the major components of the Honours year will be assessed.

*Note: Department permission required for enrolment. Note: All intending Honours students should complete ARCA3600 Archaeological Research Principles.*

Available only to students who commenced Archaeology (Prehistoric and Historical) Honours prior to 2010

#### ARPH4012

##### Archaeology (Prehist/Historical) Hons B

**Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Corequisites:** ARPH4011

Available only to students who commenced Archaeology (Prehistoric and Historical) Honours prior to 2010

#### ARPH4013

##### Archaeology (Prehist/Historical) Hons C

**Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Corequisites:** ARPH4012

Available only to students who commenced Archaeology (Prehistoric and Historical) Honours prior to 2010

#### ARPH4014

##### Archaeology (Prehist/Historical) Hons D

**Credit points:** 12 **Teacher/Coordinator:** Dr Ted Robinson **Session:** Semester 1, Semester 2 **Corequisites:** ARPH4013

Available only to students who commenced Archaeology (Prehistoric and Historical) Honours prior to 2010

## Art History

#### ARHT1001

##### Art and Experience

**Credit points:** 6 **Teacher/Coordinator:** Assoc. Prof. M Roberts **Session:** Semester 2, Summer Late **Classes:** One 2-hour lecture and one 1 hour tutorial per week **Assessment:** Essay and tutorial paper (total of 4,000 words) **Practical field work:** The Art Workshop. Students undertaking the Art History and Theory First Year Program are encouraged to enrol in a practical unit of study offered at the Art Workshop in the Faculty of Architecture. Only one introductory level workshop (worth 6 junior level credit points) is permitted. For more details please consult the Art Workshop on 9351 3115.

ARHT1001 and ARHT1002 offer an introduction to the study of art history and theory as it is taught at the Senior and Honours levels in the Department. The subject matter covers a wide range of art practices and media, film, design and costume, and includes the examination of art from different cultures. In each semester unit, historical analysis will be combined with discussions of the different methodologies and approaches to the interpretation and study of these visual materials.

Art and Experience: the European Tradition will focus on the history of art and architecture in Western Europe from classical antiquity to the early modern period. A key focus will be on recognising the importance of the social, cultural, political and religious purpose an object or building was designed to serve, and the range of meanings the work was intended to embody - and how these change across time.

##### Textbooks

ARHT1001 Course Reader

#### ARHT1002

##### Modern Times: Art and Film

**Credit points:** 6 **Teacher/Coordinator:** Dr C Moore **Session:** Semester 1 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Assessment:** One 2,500 word essay and one short answer exam

This unit of study will focus upon the art and visual culture of the nineteenth and twentieth centuries, examining this historical period in relation to the thematic of the modern. Visual material studied will include painting, film, architecture and costume. As with ARHT1001, historical analysis will be combined with discussions of the different

methodologies and approaches to the interpretation and study of these visual materials.

##### Textbooks

##### Recommended Reading:

Paul Wood (ed.), *The Challenge of the Avant-Garde*. Yale University Press, New Haven and London, 1999.

#### ARHT1801

##### Art History and Theory Exchange

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Milam **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point Junior unit of study in Art History and Theory at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies.

#### ARHT2616

##### High Renaissance Art

**Credit points:** 6 **Teacher/Coordinator:** Dr L Marshall **Session:** Semester 2 **Classes:** 2hr lecture and 1hr tutorial a week **Prerequisites:** ARHT1001 and ARHT1002 **Prohibitions:** ARHT2016 **Assessment:** One essay and one visual test to a total of 4000-4500 words

The Unit of Study will explore a range of alternative approaches to some of the most famous works of art in the Western tradition, including works by Leonardo, Raphael, Michelangelo and Titian. Topics to be investigated include: problems of definition in High Renaissance and Mannerist art; Rome under Julius II and the creation of an imperial capital; Venetian visual poesis; art and dynastic display in Medicean Florence; civic ritual and public space; eroticism and mythology at princely courts; portraiture and gender.

##### Textbooks

##### Recommended Readings:

J.Paoletti and G.Radke, 'Art in Renaissance Italy', 2nd ed., Abrams, 2002.

#### ARHT2618

##### French Art, Salon to Post-Impressionism

**Credit points:** 6 **Teacher/Coordinator:** Prof R Benjamin **Session:** Semester 1 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** ARHT1001 and ARHT1002 **Prohibitions:** ARHT2018 **Assessment:** One essay and one 2 hour slide test or written exercise totalling 4000-4500 words

This course treats a familiar area of French Art in terms of the cultural structures that allowed academic art, Realism, Impressionism, and Post-Impressionism to emerge. Mainstream art will be studied alongside emerging avant-garde spaces. The language of art criticism will provide a key to the politics of the painted surface and ethics of the female nude. Other topics for study will include nationalism, exoticism, and peripheral as opposed to metropolitan modernism.

#### ARHT2621

##### Modernism

**Credit points:** 6 **Teacher/Coordinator:** Dr K Broadfoot **Session:** Semester 2 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** ARHT1001 and ARHT1002 **Prohibitions:** ARHT2021 **Assessment:** Essay and paper to a total of 4000-4500 words

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit of study will examine the origins of Modernism in the nineteenth century and its evolution in the twentieth, focusing on Modernism between the World Wars. It will consider Dada and Surrealism's radical threat to the 'call to order' - their invocation of the absurd, of the anarchic, of irreason, madness and desire. It will also consider the relationship between the arts and contemporary philosophical and theoretical investigation and will take into account Postmodernism's disruption of the concept of Modernism. The focus of the course will be on European modernism. Australian and American modernism are examined in other advanced options.

**ARHT2631****Australian Painting, Colony to Nation**

**Credit points:** 6 **Teacher/Coordinator:** Dr A Callaway **Session:** Semester 2 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** ARHT1001 and ARHT1002 **Prohibitions:** ARHT2031, ARHT2664 **Assessment:** One 3000 word essay, one short-answer visual exam

The unit investigates recurring themes in representation including identity and race, sexuality and gender, landscape, the city and urban society. The program moves between nineteenth century images and approaches adopted by artists to portray similar twentieth century concerns. We will follow some of art's central debates and use key concepts to pursue relevant issues in Australian art history and theory.

*Textbooks*

Daniel Thomas & Ron Radford (eds), *Creating Australia: 200 Years of Australian Art*, AGSA, 1988 Bernard Smith, *European Vision and the South Pacific*, 1985 edition *The Dictionary of Australian Artists Online*, [www.daaoo.org.au](http://www.daaoo.org.au)

**ARHT2641****Art and Archaeology of South East Asia**

**Credit points:** 6 **Teacher/Coordinator:** Prof Adrian Vickers, Dr Martin Polkinghorne, Dr Dougald O'Reilly **Session:** Semester 2, Summer Main **Classes:** 2 one hour lectures per week or offered as an intensive 18-day unit of study in Cambodia in summer. **Prerequisites:** The pre-requisites are any of ARHT1001 and ARHT1002 or ASNS1001/1601 and ASNS1002/1602 or ASNS1001/1601 and ASNS1101 or any one of ARPH1001, ARPH1002, ARPH1003 **Prohibitions:** ARHT2041 **Assessment:** One site, building or artwork report (1500 words) and one long essay (4500 words).

The focus of this course is the art and archaeology of the medieval civilizations of mainland Southeast Asia that continue to have an effect on the contemporary issues of the region. Through explorations of text and material culture this course will examine major themes in the development and transformation of these 'states'. Themes addressed include: the influence of Indian and China, Hindu-Buddhist religious syncretism in early Southeast Asia, the development of trade links in the first millennium BCE, peripheral communities and minorities, and the historiography of Southeast Asia.

*Textbooks**Recommended Readings:*

Jacques, C. and Freeman, M., 2006, *Ancient Angkor*, River Books: Bangkok  
Kerlogue, Fiona, 2004, *Arts of Southeast Asia*, Thames & Hudson: London  
A course reader will be provided

**ARHT2645****China: Art and Empire**

**Credit points:** 6 **Teacher/Coordinator:** Dr T Berghuis **Session:** Semester 2 **Classes:** 3 hrs per week **Prerequisites:** ARHT1001 and ARHT1002 or ASNS1001 and ASNS1002 or ASNS1001 and ASNS1101 **Assessment:** 1 x 1hr visual test, Presentation - 1,000 words, Final essay - 2,500 - 3,000 words

This unit aims to offer students a profound understanding of major developments in art and material culture of pre- modern China during the entire period between the Shang Dynasty and the height of the Qing Dynasty in the 18th Century. Building on a basic knowledge of disciplinary skills in Art History, Asian studies, Archaeology and Anthropological, such as contextual analyses of visual culture, material culture and cultural development, the unit of study offers opportunities for students to develop skills in contextual and stylistic analysis of visual art and culture in China. This unit will offer specific skills in focused interpretations of individual artworks, profound research skills in thematic issues, as well as into the social, historical and literary context surrounding art and material culture during the time of the Chinese Empire. The unit of study provides a contextual chronological framework that connects historical perspectives with theoretical methods and links the development of art and material culture in pre-modern China to specific contexts of communal use and social conditions. This unit develops analytical research skills for students who are interested in art and material culture of pre-modern China, as well as to students who are interested in exploring the art historical background to the unique development of Chinese civilisation.

**ARHT2652****From Silent to Sound Cinema**

**Credit points:** 6 **Teacher/Coordinator:** Dr L Jayamanne **Session:** Semester 1 **Classes:** One 2 hour lecture, one 1 hour tutorial and one 2 hour film screening

per week **Prerequisites:** ARHT1001 and ARHT1002 (For Art History Major) ARHT1002 or ENGL1025 (For Film Major) **Prohibitions:** ARHT2052 **Assessment:** One essay, one film analysis and one tutorial presentation totalling 4000-4500 words

*Note: Film Studies Core Unit. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This course examines film/cinema as a manifestation of modernity i.e. as commodity, industry, institution and mass production of the senses (aesthetics). These concepts integral to modernity will be explored through a study of Early American cinema and the Weimar cinema of Germany in the 1920s. Detailed work will be done on the following genres, Slapstick & Melodrama (in Hollywood), and Horror/Fantasy (in Weimar cinema). While the focus will be on the aesthetics of these films, the historical and industrial context of each national cinema will form an essential background.

The course will introduce a selection of major classical and contemporary film theories such as those of Sergei Eisenstein and Gilles Deleuze as well as the recent scholarship on silent film aesthetics and spectatorship within the wider intellectual tradition of theorising modernity and vernacular modernisms.

An emphasis will be placed on the idea of filmic performance (film as an art of movement and time) which includes camera rhetoric, editing, acting, mise-en-scene. The course will study the phenomenon of stardom through one of cinema's very first global icons, Charlie Chaplin whose work will enable us to cross the technological divide between silent and sound cinema in the last segment of the course.

*Textbooks**Recommended Readings:*

'The Silent Cinema Reader', Eds. Lee Grieveson and Peter Kramer (Routledge, London and New York, 2004)

**ARHT2653****Memory of the World: Film and Directors**

**Credit points:** 6 **Teacher/Coordinator:** Dr L Jayamanne **Session:** Semester 2 **Classes:** one 2hr lecture, one 2hr film screening, one 1hr tutorial **Prerequisites:** ARHT1001 and ARHT1002 (For Art History Major) ARHT1002 or ENGL1025 (for Film Majors) **Prohibitions:** ARHT2053 **Assessment:** one essay, one film analysis, one tutorial presentation totalling 4000-4500 words

This course has three primary foci:

1. A historical study of independent cinema, or New Wave movements in post-World War II Europe, including Italian Neo- Realism, the French New Wave and New German Cinema among others.
2. The study of Gilles Deleuze's thesis about these cinematic movements and the cinematic concepts that they gave rise to as elaborated in his books, *Cinema 1, Movement Image* and *Cinema II, The Time Image*.
3. A study of the idea of Epic cinema as distinct from Dramatic cinema through a selection of films cross-culturally.

In addition there will also be a selection of films of auteurs who help formulate cinematic ideas and concepts, such as for example the gothic, in innovative ways.

Despite the historical component of the course it is not structured chronologically but rather, conceptually. And the main concept is that of non-chronological time. This approach will enable an exploration of cinematic invention of new images of time itself. As such it is primarily concerned with cinematic aesthetics across different film cultures and the cultural politics essential to such invention will form an essential background to the course.

*Textbooks**Recommended Readings:*

'Towards Cinema and Its Double Cross-Cultural Mimesis', Laleen Jayamanne (Indiana University Press, Indiana, 2001)

**ARHT2657****Contemporary Hollywood**

**Credit points:** 6 **Teacher/Coordinator:** Dr R Smith **Session:** Semester 1, Summer Late **Classes:** One 2 hour lecture, one 1 hour tutorial and one 2-3 hour film-screening per week **Prerequisites:** ARHT1001 and ARHT1002 (For Art History Major) ARHT1002 or ENGL1025 (for Film Majors) **Prohibitions:** ARHT2057 **Assessment:** Research essay and review essay to a total of 4000-4500 words



This unit of study will investigate the last two decades of the cinema of the USA, including Hollywood. Students will be introduced to the work of a number of established and emerging American filmmakers, to the work of a number of important film critics, and to issues concerning the theory and practice of film criticism. Critical and analytical focus will centre on the changing relation of subjectivity and time in independent cinema. Films that explore questions of subjectivity and that experiment with narrative structure will be featured.

#### Textbooks

No set texts. Subject reader will be available for purchase at the University Copy Centre

### ARHT2664

#### Special Studies: Costume and Fashion

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Milam Taught by Dr M Carter **Session:** Semester 1 **Classes:** one 2hr lecture and one 1hr tutorial **Prerequisites:** Credit and above in 12 Junior Credit points from any two ARHT units OR consent of Chair of Department **Prohibitions:** ARHT2064 **Assessment:** 1hr 1000 word tutorial paper based on a tutorial topic. One 3000 word essay selected from list provided by lecturer.

*Note:* Note: Only one Special Studies course may be taken at senior level.

Special Studies: Clothing, Costume and Fashion.

This unit focuses EITHER on the specialist field of a visiting lecturer OR on the problematic of a special exhibition.

Above keeping us dry, cool and warm, what is it that clothes do? In 2010 the unit examines various aspects of human appearance as well as introduces students to some of the current ways of thinking about clothing and fashion.

*Note:* Only one Special Studies course may be taken once at senior level.

#### Textbooks

Course reader available for purchase from University Copy Centre

### ARHT2810

#### Art History and Theory Exchange

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Milam **Session:** Semester 1, Semester 2

*Note:* Department permission required for enrolment.

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Art History and Theory at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Art History and Theory.

### ARHT2811

#### Art History and Theory Exchange

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Milam **Session:** Semester 1, Semester 2

*Note:* Department permission required for enrolment.

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Art History and Theory at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Art History and Theory.

### ARHT2812

#### Art History and Theory Exchange

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Milam **Session:** Semester 1, Semester 2

*Note:* Department permission required for enrolment.

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Art History and Theory at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Art History and Theory.

### ARHT2813

#### Art History and Theory Exchange

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Milam **Session:** Semester 1, Semester 2

*Note:* Department permission required for enrolment.

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Art History and Theory at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Art History and Theory.

### ARHT2814

#### Art History and Theory Exchange

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Milam **Session:** Semester 1, Semester 2

*Note:* Department permission required for enrolment.

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Art History and Theory at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Art History and Theory.

### ARHT2815

#### Art History and Theory Exchange

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Milam **Session:** Semester 1, Semester 2

*Note:* Department permission required for enrolment.

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Art History and Theory at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Art History and Theory.

### ARHT2816

#### Art History and Theory Exchange

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Milam **Session:** Semester 1, Semester 2

*Note:* Department permission required for enrolment.

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Art History and Theory at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Art History and Theory.

### ARHT2817

#### Art History and Theory Exchange

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Milam **Session:** Semester 1, Semester 2

*Note:* Department permission required for enrolment.

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Art History and Theory at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Art History and Theory.

### ARHT4011

#### Art History and Theory Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr K Broadfoot **Session:** Semester 1, Semester 2 **Classes:** 2-hour weekly seminars; a series of half-day workshops **Prerequisites:** Results of a credit average or better in 48 credit points in Art History and Film Studies senior units. If you do not have this prerequisite please contact the Honours coordinator to determine possible waiving of the prerequisite. Students may commence their study either at the beginning of the year or mid-year. **Assessment:** A thesis of 18,000-20,000 words; a weekly 2-hour seminar for one semester with 6000-8000 words of written works; a series of half-day workshops that meet four times with 6000-8000 words of written work.

*Note:* Department permission required for enrolment.

The Honours program in Art History and Theory consists of:

a thesis written under the supervision of one or more members of academic staff

1 seminar (either Art is the Issue or Film is the Issue) that meets weekly for two hours for one semester.

1 workshop (Analysing the Visual) that meets four times during one semester

The thesis should be of 18,000-20,000 words in length. Each seminar and the workshop requires 6000-8000 words of written work or its equivalent.

The thesis is worth 60% of the final Honours mark and each of the seminars and workshop is worth 20%.

The following seminars are on offer in 2010:

Art is the Issue (Assoc Prof Jennifer Milam)

Film is the Issue (Dr Keith Broadfoot)

The following workshop is on offer in 2010:

Analysing the Visual (Assoc Prof Jennifer Milam)

For more information, contact Dr Keith Broadfoot, Honours coordinator

#### ARHT4012

##### Art History and Theory Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ARHT4011

Refer to ARHT4011

#### ARHT4013

##### Art History and Theory Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ARHT4012

Refer to ARHT4011

#### ARHT4014

##### Art History and Theory Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ARHT4013

Refer to ARHT4011

## Arts (No major available)

#### ARTS2600

##### Internship 1

**Credit points:** 6 **Teacher/Coordinator:** Fiona Tschaut **Session:** Semester 1, Semester 2, Summer Main **Assessment:** 4 workshops of 2 hours, 4 reflective journals (400 words each) and one final project report (2500 words).

*Note: Department permission required for enrolment. Note: only available to incoming Study Abroad students*

This unit is based around a project report arising from issues encountered during a 15-day internship project and through a professional development program designed to provide students with the resources to enhance their intern experience.

Students are required to attend 4 workshops which cover: Australian business culture, management styles, cross cultural business communication, teamwork and reflective learning. An interactive approach will be used in the workshops to enable students to draw on their own experiences.

#### ARTS2801

##### Arts Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### ARTS2802

##### Arts Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### ARTS2803

##### Arts Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### ARTS2804

##### Arts Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

## Asian Studies

#### ASNS1601

##### Introduction to Asian Cultures

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Stavros **Session:** Semester 1 **Classes:** 2 lectures and 1 tutorial per week **Assessment:** 1500-word essay (40%), 2-hour exam (40%), 1000 word tutorial presentation and abstract (20%).

This unit introduces key features of traditional Asian societies and cultures across different periods, up to the present. It lays the groundwork and provides a basis of comparison for students to understand the social transformations that these different Asian societies later underwent in modern times. Issues and themes may include: religion, ritual, and philosophical thought; sacred kings and capitals; hierarchy and social order; family, kinship and gender systems; art, architecture, and archaeology.

#### ASNS1602

##### Modernity in Asia

**Credit points:** 6 **Teacher/Coordinator:** Dr Lionel Babicz **Session:** Semester 2 **Classes:** 3 hours per week **Assessment:** 1500-word essay (40%); 2-hour exam (40%); 1000 word tutorial presentation and abstract (20%).

Asia has undergone dramatic and rapid modernisation since the eighteenth century. Religious change, state-formation, political and social movements, gender and family, consumer culture, rural development, urban culture, and modern class structure are some of the cultural, social, economic and political aspects of Asia's social transformation. Through the study of selected Asian societies, this unit will examine some of these aspects in the contexts of colonialism, nationalism, postcolonial economic development, and globalisation.

#### ASNS1801

##### Asian Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### ASNS2618

##### Remaking Chinese Society, 1949-Present

**Credit points:** 6 **Teacher/Coordinator:** Dr David Bray **Session:** Semester 2 **Classes:** 2 lectures and 1 tutorial per week **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Prohibitions:** ASNS2118 **Assumed knowledge:** Students with no prior knowledge of modern Chinese history are encouraged to read an introductory textbook (e.g., Edwin E. Moise. *Modern China: A History*. Second edition. Longman, 1994) before the start of the semester. **Assessment:** Classwork (15%); 2000-word essay (35%), oral presentation (15%); 1000 word writing assignment (15%); one-hour test (20%).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program. The information provided here applies to the version of this unit offered in the regular semester. Appropriate adjustments are made for the Summer School version when available.*

The history of the People's Republic of China comprises two periods. In the Maoist era (1949-1978), the Communist-led government attempted to build a centrally planned, socialist society in which politics dominated people's daily lives. In the post-Mao era (since 1978), by contrast, the socialist institutions have largely been dismantled in pursuit of a market-based alternative. This unit of study explores key social, political, cultural and economic features of both periods and analyses the problems and paradoxes of transition.

##### Textbooks

Maurice Meisner. *Mao's China and After: A History of the People's Republic*. Third edition. New York: Free Press, 1999

Anthology of readings available online and/or from the University Copy Centre.

#### ASNS2620

##### Classical Indian Philosophy

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrew McGarrity and Dr Paul Fuller **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Prohibitions:** ASNS2212 **Assessment:** 3000 word essay, 1200-1500 word tutorial paper.

After a brief introduction to Indian religious thought the unit concentrates on the main currents in classical Indian philosophy and the schools which flourished between the third and twelfth century C.E. The focus of this unit will be on the 'orthodox' Hindu schools but extensive reference will be made on competing Buddhist and Jain ideas. Arguments concerning the nature of consciousness and the ontological status of the physical world, logic and epistemology, and theories of language will be covered.

#### ASNS2626

##### Religious Traditions of South Asia

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrew McGarrity and Dr Paul Fuller **Session:** Semester 1 **Classes:** Two 1 hour lectures and 1 hour tutorial per week **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Prohibitions:** RLST2003 **Assessment:** 2500 word essay (40%), tutorial paper and presentation equivalent to 1000 words (25%), exam (30%), class participation (5%).

This unit introduces themes in South Asian religions from the Indus Valley Civilisation onward. Attention is paid to the social and cultural contexts in which Hinduism, Buddhism and Jainism emerged. Goddess traditions are discussed, as are concepts such as tantra, yoga and meditation, karma and rebirth and dharma. Texts such as Bhagavat Gita are also introduced. A focus will be on the implications of Classical India for an understanding of contemporary Asian cultures, particularly those of South and Southeast Asia.

#### ASNS2631

##### The Origins of Japanese Tradition

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Stavros **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Assessment:** 1500 word essay, tutorial presentation, 2 hour exam, in-class activities and online component (equivalent to 500 words).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit explores the historical validity of key motifs of Japanese 'tradition'. Through the liberal use of primary sources (texts, pictorial sources and archaeological artifacts) students will gain first-hand knowledge of such diverse topics as the lives of the samurai, imperial authority, Zen monastic life, Japanese architecture, geisha, and the tea ceremony. By attempting to separate stereotype and cliché from history, we will seek to construct a more sober yet ultimately more viable narrative of early Japanese history and culture.

#### ASNS2641

##### Traditional Korea

**Credit points:** 6 **Session:** Semester 1 **Classes:** 3 hours per week (one 2 hour lecture & one 1 hour tutorial). **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Prohibitions:** ASNS2501 **Assessment:** Presentation and contribution to tutorial discussions (20%), one 2500 word essay (40%), and a 2 hour final exam (or essay) (2000 words, 40%).

This unit of study aims to introduce Korea's historical experience from antiquity to the early phase of the Choson dynasty (1392-1910). Topics include sources and historiography of early Korea; foundation myths and legends of the Three Korean Kingdoms; process of state formation and subsequent political developments; religious ideology, focusing on Buddhism; and cultural and social traditions of Korea from the 4th to the 15th century. These topics will enable students to understand and appreciate the uniqueness of Korean identity.

##### Textbooks

Carter J. Eckert, et. al., Korea Old and New: A History (Seoul: Ilchokak Publishers)

#### ASNS2642

##### Modern Korea

**Credit points:** 6 **Session:** Semester 2 **Classes:** 2 hour lecture and 1 hour tutorial per week **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Prohibitions:** ASNS2502 **Assessment:** Presentation and contribution to tutorial discussions (20%), 2500 word essay (40%), 2 hour final exam (40%).

This unit aims to introduce some of the major issues in the history of Korea in the late 19th century and the last century. Topics include contradictions of the late Choson dynasty society; opening of Korea to the West and Japan and the attendant wave of reforms and rebellions; Japan's colonial rule; Korea's fight for freedom; liberation and division of Korea in 1945 and the subsequent process of nation-building in the two Koreas.

#### ASNS2651

##### Asian Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### ASNS2652

##### Asian Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### ASNS2653

##### Asian Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### ASNS2654

##### Asian Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### ASNS2655

##### Asian Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### ASNS2656

##### Asian Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### ASNS2660

##### Islam, Trade & Society-Arabia to SE Asia

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Ahmad Shboul, Prof Adrian Vickers **Session:** Semester 2 **Classes:** 3 hours per week (2 lectures and 1 tutorial) **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Prohibitions:** ASNS2402 **Assessment:** Attendance and participation in tutorials (15%), tutorial writing tasks and essays (equivalent to 2500 words, 45%), 2-hour final exam (equivalent to 2000 words, 40%).

This unit of study will examine the commercial, religious and cultural relations between the Islamic world of West Asia and Southeast Asia between the ninth century and the present day. Some attention will be paid to the role of India in these relationships. The unit of study will explore the development of Islamic commercial, political, religious and social ideas and practices in West Asia and examine the economic, political, religious and social conditions associated with the localisation of these ideas and practices in Southeast Asia.

#### ASNS2661

##### History of Modern Indonesia

**Credit points:** 6 **Teacher/Coordinator:** Prof Adrian Vickers **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Prohibitions:** INMS2901, ASNS2401 **Assessment:** 2000 word essay (45%), 2-hour exam (equivalent to 2000 words, 45%), class participation (10%).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit examines the history of Indonesia, the world's fourth most populous country, emphasizing the interaction between Islam, nationalism and democracy. The unit traces these forces impact on the formation of modern Indonesia from the late nineteenth century, highlighting the experience and legacy of colonialism, the independence struggle, and the rise and fall of military rule. Particular

attention is given to changing notions of national identity, debates about the place of Islam in the polity and authoritarianism and democratisation.

### ASNS2670

#### Mass Media in East Asia

**Credit points:** 6 **Teacher/Coordinator:** Dr Ki-Sung Kwak **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Prohibitions:** KRNS2600, ASNS2600 **Assessment:** 1000 word tutorial paper, 1500 word essay, final exam (equivalent to 2000 words).

This unit introduces students to the media industry and policies in selected countries in East Asia, namely Japan, Hong Kong, South Korea and Taiwan. In addressing the topics, the main features of media in the region are discussed and compared. The unit will be multi-disciplinary, covering various aspects of mass media in the region. These include the social and cultural role of the media, political and economic justification of state control, and implications of the emergence of new communication technologies.

### ASNS2672

#### Japan in East Asia from 1840 until Today

**Credit points:** 6 **Teacher/Coordinator:** Dr Lionel Babicz **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Assessment:** Two in class quizzes, (equivalent to 500 words each), 2-hour exam, group presentation (equivalent to 500 words), group essay (1000-words).

This unit inserts the modern and contemporary history of Japan inside its East Asian context. We will examine a dozen key events and subjects pertaining to the relations between Japan, China and Korea, from the 1840 Opium War until today. Doing so, we will touch many sensitive and controversial topics, become aware of the differing historical consciousness prevalent in these three countries, and understand why the historical question constitutes a major political issue in East Asia.

### ASNS2676

#### Gender and Sexuality in Modern Asia

**Credit points:** 6 **Session:** Semester 2 **Classes:** 2 hour lecture and 1 hour tutorial per week **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Assessment:** Mid-semester exam consisting of short identification questions, approximately 750 words (20%), 2 hour final exam (40%), tutorial performance (10%), 1750 word essay (30%).

This unit of study examines changes in gender relations and gender construction in modern and contemporary Asian societies - China, Japan, South Korea, India, Singapore, and Taiwan. Major issues include: changes in the family; the role of the state in shaping gender (family and population policies, women's employment programs etc.); popular culture and mass media images of femininity, masculinity, and sexuality; the gendered construction of Asian nationalisms; gendered division of labour and economy; gay cultures; and the commoditisation of sex.

### ASNS2677

#### Beyond the Geisha/Samurai Binary

**Credit points:** 6 **Teacher/Coordinator:** Dr Mats Karlsson and Dr Rebecca Suter **Session:** Semester 2 **Classes:** 2 lectures and 1 tutorial per week **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Assessment:** 2 in-class quizzes, equivalent to 500 words each, 1000 word mid-semester essay, a research-orientated essay (2500 words)

Foreign perceptions of Japan cluster around two stereotypes: feminized images of elegance and submissiveness, epitomized by geisha, and hypermasculine images of violence, exemplified by samurai. A long tradition of gender subversion, cross-dressing, and androgyny in Japanese culture speaks for a more nuanced vision of masculinity and femininity. Throughout the unit, we will examine the formation and subversion of gender roles as they emerge in a variety of classical and contemporary Japanese fiction and nonfiction genres.

*Textbooks*

The Changelings (Torikaebaya Monogatari), trans. Rosette F. Willig. Stanford University Press, 1983

Laurence R. Kominz. The Stars Who Created Kabuki: Their Lives, Loves and Legacy. Tokyo, Kodansha International, 1997

Robertson, Jennifer. Takarazuka: Sexual Politics and Popular Culture in Modern Japan. Berkeley, Los Angeles and London, University of California Press, 1998

McLelland, Mark, ed. Genders, Transgenders and Sexualities in Japan. London and New York, Routledge, 2005

Russell, Catherine. The Cinema of Naruse Mikio: Women and Japanese Modernity. Duke University Press, 2008

Matt Thorn, ed. Four Shōjo Stories: Stories and Art by Keiko Nishi, Moto Hagio, and Shio Sato. San Francisco, Viz Communications, 1996

### ASNS3618

#### Popular China

**Credit points:** 6 **Teacher/Coordinator:** Dr Yiyang Wang **Session:** Semester 1 **Classes:** 2 hours of lectures and one 1-hour tutorial per week. (A separate 1-hour tutorial option for students who have advanced Chinese language skills may be provided.) **Prerequisites:** 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. **Assessment:** Classwork (20%); 2500 word essay (40%); oral presentation based on work for essay (10%); other writing assignment (e.g. portfolio with essay, total of 2000 words, 30%).

This unit of study introduces students to popular culture in Mainland China, Hong Kong, Taiwan and the Chinese Diaspora. From film to television, from music to theatre, from print media to the Internet and from popular literature to visual arts, this unit explores popular Chinese culture as it is generated in Chinese societies and lived by Chinese people. It will cover a range of critical and theoretical perspectives to analyse these phenomena.

### ASNS3690

#### Approaches to Research in Asian Studies

**Credit points:** 6 **Teacher/Coordinator:** Dr Olivier Ansart and others **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** Credit average or above in a minimum of 30 senior credit points of Asian studies or Asian language. **Prohibitions:** ASNS3902, JPNS3902, CHNS3902, INMS3902 **Assessment:** Classwork (20%), 3000 word research proposal (40%), bibliographical exercise (equivalent to 1000 words, 10%), presentation based on draft proposal (10%) and critical reviews or other written assignments (2000 words, 20%).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit gives students the opportunity to undertake broad background reading in preparation for the honours thesis. The unit trains students to discuss published work exemplifying a range of approaches to humanistic and/or social scientific research. It thus provides models on which students can draw in creating their own research proposal.

*Textbooks*

Course reader available from the University Copy Centre.

### ASNS4011

#### Asian Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Olivier Ansart **Session:** Semester 1, Semester 2 **Classes:** Two seminars, each seminar meets weekly for 2 hours for one semester **Prerequisites:** A Credit average or better in the major, plus 12 additional senior credit points, including ASNS3690 Approaches to Research in Asian Studies **Assessment:** A thesis of 15000-20000 words and 6000-8000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Asian Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester.

The thesis should be of 15000-20000 words in length. Each seminar requires 6000-8000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.

The following seminars are on offer in 2010:

ASNS6900 Contemporary Asian Societies (Dr Olivier Ansart)

ASNS6904 Human Rights in Asia (Dr Andrew McGarrity)

ASNS6905 Asian Popular Culture

ASNS6908 Media Industries in East Asia (Dr Ki-Sung Kwak)

CHNS5982 Approaches to Research on Modern China (Dr Yiyan Wang)

JPNS6909 The Underside of Modern Japan (Dr Mats Karlsson)

GCST6904 Asian Diasporic Cultural Studies (Drs Rebecca Suter and Jane Park)

With departmental permission, students may cross-list one of the seminars from units of study offered in other departments and faculties. They should check the availability of those units with the different departments.

For more information, contact Dr Olivier Ansart, Honours coordinator.

#### ASNS4012

##### Asian Studies Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ASNS4011

See ASNS4011

#### ASNS4013

##### Asian Studies Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ASNS4012

See ASNS4011

#### ASNS4014

##### Asian Studies Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ASNS4013

See ASNS4011

## Australian Literature (See English)

## Australian Studies

#### ASTR2601

##### Australia: Land and Nation

**Credit points:** 6 **Teacher/Coordinator:** Dr B Rooney **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 18 junior credit points **Prohibitions:** ASTR2001 **Assessment:** One 1000 word essay (25%), one oral presentation with a 1000 word oral report (25%), one 2000 word take-home exam (40%) and class participation (10%)

*Note: May be cross listed to a major in Australian Literature. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

A study of some of the interactions between two major meanings of the term 'Australia':

- 1) the name now given to a large island in the South Pacific and
- 2) a nation which came into being on 1 January 1901. Three major themes will be followed:

1. Naming and representing land by Indigenous people and early European settlers.
2. Changing European perceptions of the Australian environment and landscape.
3. Changing debates about nation from 1901 to the present.

##### Textbooks

A course reader containing essential reading and information will be available for purchase from the Copy Centre.

Some Recommended Background Readings:

Elizabeth Webby (ed), *Colonial voices: letters, diaries, journalism and other accounts of nineteenth century Australia* (St. Lucia: University of Queensland Press, 1989).

Richard Broome, *Aboriginal Australians: Black Responses to White Dominance 1788-1994*. 3rd Ed (St Leonards, NSW: Allen & Unwin, 2002).

Heather Goodall, *Invasion to embassy: land in Aboriginal politics in New South Wales, 1770-1972* (St. Leonards NSW: Allen & Unwin/Black Books, 1996), Especially introduction and chapter 1.

Richard Waterhouse, *The Vision Splendid: a social and cultural history of rural Australia* (Fremantle, WA: Curtin University Books, 2005)

## Biblical Studies

#### BBCL1001

##### Biblical Studies 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Ian Young **Session:** Semester 1 **Classes:** 3 hours per week. Attendance and participation in all lectures and tutorials is mandatory. **Assessment:** Class participation (10%), tutorial presentation and report (30%), research essay (30%), written exam (30%).

This unit provides an introduction to the study of the Bible including: textual, literary and structural criticism; the relevance of other academic disciplines to the study of the Bible; material from the Dead Sea Scrolls, the ancient Near East and other non-biblical texts. The first five books of the Bible are the focus of textual study in this semester. There are weekly tutorials at which students present papers.

#### BBCL1002

##### Biblical Studies 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Ian Young **Session:** Semester 2 **Classes:** 3 hours per week. Attendance and participation in all lectures and tutorials is mandatory. **Assessment:** Class participation (10%), tutorial presentation and report (30%), research essay (30%), written exam (30%).

This unit focuses specifically on historical books of the Hebrew Bible such as Judges, Samuel and Kings. The course explores events of the period, the historiography of the texts, and religious and historical viewpoints conveyed. Attention will be directed to other relevant writings of the period in the Ancient Near East. There are weekly tutorials at which students present papers.

#### BBCL2603

##### Prophets

**Credit points:** 6 **Teacher/Coordinator:** Dr Leonard Lobel **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** BBCL1001 and BBCL1002 **Prohibitions:** BBCL2003 **Assessment:** 1.5 hour exam (equivalent to 1500 words, 35%), 2000 word essay (35%), other written assignments (equivalent to 1000 words, 30%).

This unit presents an overview of prophetic works of the Hebrew Bible, examining literary, socio-political, and religio-historical aspects of the texts.

#### BBCL2604

##### Biblical Writings

**Credit points:** 6 **Teacher/Coordinator:** Dr Leonard Lobel **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** BBCL1001 and BBCL1002 **Prohibitions:** BBCL2004 **Assessment:** 1.5 hour exam (equivalent to 1500 words, 35%), 2000 word essay (35%), other written assignments (equivalent to 1000 words, 30%).

This unit examines the third and final section of the Tanakh, the 'Ketuvim', or 'Writings'. Such works as the book of Job, Psalms, and the Song of Songs provide a rich field of investigation into areas of narrative, poetry, philosophy, and religious belief.

#### BBCL2801

##### Biblical In-Country Study A

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### BBCL2802

##### Biblical In-Country Study B

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### BBCL4011

##### Biblical Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Leonard Lobel **Session:** Semester 1, Semester 2 **Classes:** Four seminars, two per semester, each two hours per week **Prerequisites:** Credit average in 48 senior credit points from Hebrew, Biblical and Jewish Studies. These credit points must include 24 senior credit points from Biblical Studies and at least 12 senior credit points in Classical Hebrew. **Assessment:** A thesis of 15000 words and 5000 words of written work or its equivalent for two seminars and a 2-hour exam for two seminars.

*Note: Department permission required for enrolment.*

The Honours program in Biblical Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff

2. four seminars that meet weekly for two hours for one semester.

The thesis should be of 15000 words in length. Two seminars will require 5000 words of written work or its equivalent and two seminars will require a two hour exam.

The thesis is worth 40% of the final Honours mark and each of the seminars is worth 15%.

The following seminars are on offer in 2010:

Biblical Themes I (Dr Leonard Lobel)

Biblical Themes II (Dr Leonard Lobel)

Biblical Texts in Hebrew Megillot I (Prof Alan Crown)

Biblical Texts in Hebrew Megillot II Dr Ian Young)

For more information, contact Dr Leonard Lobel, Honours coordinator.

#### **BBCL4012**

##### **Biblical Studies Honours B**

**Credit points:** 12 **Teacher/Coordinator:** Yael Avrahami **Session:** Semester 1, Semester 2 **Corequisites:** BBCL4011

See BBCL4011

#### **BBCL4013**

##### **Biblical Studies Honours C**

**Credit points:** 12 **Teacher/Coordinator:** Yael Avrahami **Session:** Semester 1, Semester 2 **Corequisites:** BBCL4012

See BBCL4011

#### **BBCL4014**

##### **Biblical Studies Honours D**

**Credit points:** 12 **Teacher/Coordinator:** Yael Avrahami **Session:** Semester 1, Semester 2 **Corequisites:** BBCL4013

See BBCL4011

## Celtic Studies

#### **CLST2601**

##### **Defining the Celts**

**Credit points:** 6 **Teacher/Coordinator:** Prof A Ahlqvist **Session:** Semester 1 **Classes:** 2 x 1hr lecture and 1 x 1hr tutorial per week **Prerequisites:** 18 Junior Credit Points **Assessment:** one 2500 word essay and 2 hour (2000 word) exam

The 'Celts' are any of those peoples of Europe who speak or spoke a Celtic language. By the Iron Age the Celtic peoples were spread across Europe, and across the course of millennia have given rise to a number of European nations and cultures-including the Irish, the Welsh and the Bretons. This unit explores definitions of the Celts, examining their history and development, and provides an overview of their languages.

#### **CLST2602**

##### **Old Irish 2**

**Credit points:** 6 **Teacher/Coordinator:** Prof Anders Ahlqvist **Session:** Semester 2 **Classes:** 2 x 1hr lecture per week. 1 x 1hr tutorial per week. **Prerequisites:** CLST2606 **Assessment:** One 2500 wd grammar, metrics and translation exercise. One 2hr/2000 wd exam.

The course seeks to give the students further insights about Old Irish, building on those achieved by taking Beginners' Old Irish (or equivalent elsewhere). The main focus remains on the grammar of the language, as well as its phonology and orthography; an outline is provided of the history of Irish. Further key texts are read and explicated; the complex metrical patterns of the magnificent poetry are presented.

#### **CLST2603**

##### **Middle Welsh 2**

**Credit points:** 6 **Teacher/Coordinator:** Prof Anders Ahlqvist **Session:** Semester 2 **Classes:** 2 x 1hr lectures per week; 1 x 1hr tutorial per week. **Prerequisites:** CLST2604 **Assessment:** One 2500 wd grammar, metrics and translation exercise; one 2hr/2000 wd examination.

Building on the knowledge acquired by following Beginners' Middle Welsh (or equivalent elsewhere), the course seeks to give the students further insights about Middle Welsh. The main focus remains on the grammar of the language, as well as its phonology and orthography; an outline is provided of the history of Welsh. Further key texts are read and explicated; the complex metrical patterns of the beautiful poetry are presented.

#### **CLST2604**

##### **Middle Welsh 1**

**Credit points:** 6 **Teacher/Coordinator:** Prof A Ahlqvist **Session:** Semester 1 **Classes:** 2 x hr lecture and 1 x 1hr tutorial per week **Prerequisites:** 18 Junior Credit Points **Assessment:** 2500 word Grammar and translation exercise and 2 hour (2000 word) exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme*

Middle Welsh was the language spoken and written in Wales in the Middle Ages (from about the twelfth to the fourteenth century). The most famous text surviving in Middle Welsh is the Mabinogion, a compilation of mythical and legendary material often of much earlier date. In this unit students will develop a knowledge of Middle Welsh grammar and vocabulary, and learn to read texts in Middle Welsh.

#### **CLST2605**

##### **Celts in History**

**Credit points:** 6 **Teacher/Coordinator:** Dr L Olsen **Session:** Semester 2 **Classes:** 1 x 2hr seminar per week **Prerequisites:** 18 Junior credit points **Assessment:** One 3500 word Seminar Paper and 2500 word Weekly Journal

Finding the Celts in History from c.500 B.C. to the present raises issues of the extent of invasion or migration that has occurred in the past and its role in cultural change, indeed the very nature of cultural change itself. These will be addressed from written sources, material remains and genetic evidence. While this unit stands on its own, its topics have been carefully selected to allow students who have done CLST1001 to explore further the Celtic world.

#### **CLST2606**

##### **Old Irish 1**

**Credit points:** 6 **Teacher/Coordinator:** Prof A Ahlqvist **Session:** Semester 1 **Classes:** 2 x 1hr lecture and 1 x 1hr tutorial per week **Prerequisites:** 18 Junior credit points **Assessment:** 2500 word grammar and translation exercise and 2 hour ( 2000 word) exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme*

Old Irish was the language spoken and written in Ireland in the early Middle Ages, and is preserved in a range of records, from Ogham stones to manuscripts. In this unit students will develop a knowledge of Old Irish grammar and vocabulary, and learn to read texts in Old Irish.

#### **CLST2607**

##### **Modern Irish Linguistics**

**Credit points:** 6 **Teacher/Coordinator:** Prof A Ahlqvist **Session:** Semester 2 **Classes:** Two 2 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 Senior Credit Points **Assessment:** One 2 hour/2000 word exam. One 2000 word end-of-course homework essay.

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme*

The unit develops students' knowledge of linguistics through the detailed study of Modern Irish. The grammar and linguistics of Modern Irish form the major focus; students will bring to the unit a background in language study and/or linguistics. The unit will consider the ways in which Modern Irish differs from other Western European languages, studying syntax and phonology.

#### **CLST2608**

##### **Modern Welsh Language and Culture 1**

**Credit points:** 6 **Teacher/Coordinator:** Prof A Ahlqvist **Session:** Semester 1 **Classes:** 2 x hr lecture and 1 x 1hr tutorial per week **Prerequisites:** 18 Junior Credit Points **Assessment:** Essay - 1000 words, Essay - 1,000 words, Exam - 2,000 words, Oral exam 500 words

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme*

The Welsh language has one of the oldest literary traditions in Europe. This unit will introduce students to this culture by providing them with the basic structure and vocabulary of the language, with an emphasis on the acquisition of oral and written skills of communication through functionally oriented language activities. The language will be studied in the context of Welsh history, literature and society.

### CLST2609

#### Modern Welsh Language and Culture 2

**Credit points:** 6 **Teacher/Coordinator:** Prof A Ahlqvist **Session:** Semester 2 **Classes:** 2 x hr lecture and 1 x 1hr tutorial per week **Prerequisites:** 18 Junior Credit Points; CLST2608 **Assessment:** Essay - 1000 words, Essay - 1,000 words, Exam - 2,000 words, Oral exam 500 words

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme*

The Welsh language has one of the oldest literary traditions in Europe. The language is widely used today and is the vehicle for a rich culture. In this course the Irish language will be studied in depth (in the context of Welsh history and culture), building on the insights achieved through attending CLST2608.

### CLST2610

#### Modern Irish Language and Culture 1

**Credit points:** 6 **Teacher/Coordinator:** Prof A Ahlqvist **Session:** Semester 1 **Classes:** 2 x hr lecture and 1 x 1hr tutorial per week **Prerequisites:** 18 Junior Credit Points **Assessment:** Essay - 1000 words, Essay - 1,000 words, Exam - 2,000 words, Oral exam 500 words

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme*

The Irish language has one of the oldest literary traditions in Europe. The language is widely used today and is the vehicle for a rich culture. In this course the Irish language will be studied in depth in the context of Irish history and culture.

### CLST2611

#### Modern Irish Language and Culture 2

**Credit points:** 6 **Teacher/Coordinator:** Prof A Ahlqvist **Session:** Semester 2 **Classes:** 2 x 1 hour lecture and 1 x 1 hour tutorial per week **Prerequisites:** 18 Junior Credit Points; CLST2610 **Assessment:** Essay - 1000 words, Essay - 1,000 words, Exam -2,000 words, oral exam 500 words

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme*

The Irish language has one of the oldest literary traditions in Europe. The language is widely used today and is the vehicle for a rich culture. In this course, following up on the insights provided by course CLST2610 the Irish language will be studied in further in the context of Irish history and culture.

### CLST2612

#### Scottish Identity, History and Culture

**Credit points:** 6 **Teacher/Coordinator:** Prof A Ahlqvist **Session:** Semester 2 **Classes:** 2 x hr lecture and 1 x 1hr tutorial per week **Prerequisites:** 18 Junior Credit Points **Assessment:** Essay - 3,000 words, Tutorial presentation - 1,000 words, Exam - 2000 words

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme*

This unit will examine key defining moments in the history of Scottish self-awareness from the Picts to the Enlightenment. Topics may include internal conflict between different groups with different languages, external conflict with the country's nearest neighbours and cultural changes that arose from Scotland's part in the wider events of Europe such as the Reformation. It will concentrate on teaching students to use a variety of primary sources written, artistic and archaeological to elucidate problematic aspects of Scotland's culture.

### CLST4011

#### Celtic Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** Prof A Ahlqvist **Session:** Semester 1, Semester 2 **Classes:** Two seminars that meet weekly for two hours for one semester. **Prerequisites:** A major in Celtic Studies plus 12 additional credit

points, all with a credit average **Assessment:** A thesis of 18-20,000 words and 6000-8000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours programme in Celtic Studies consists of:

a thesis written under the supervision of the Professor of Celtic Studies;

two seminars that meet weekly for two hours for one semester each.

The thesis should be of 18-20,000 words in length; each seminar requires 6000-8000 words of written work or its equivalent.

The thesis is worth 60% of the final Honours mark and each of the seminars is worth 40%.

The following seminars may be on offer in 2010:

Selected Old and Middle Irish texts (Prof A Ahlqvist)

Selected Early Welsh texts (Prof A Ahlqvist)

**Note:** Department permission is required for enrolment. Celtic Studies IV Honours is a 2-semester programme consisting of: a thesis of 18,000-20,000 words, written under the supervision of a member of staff nominated by the Professor of Celtic Studies, and two 1-semester seminar (or equivalent) units of study. It is important that prospective IV-Honours students consult the Professor of Celtic Studies to ensure that their choice of Senior-level units of study is appropriate to their intentions for IVth Year.

### CLST4012

#### Celtic Studies Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** CLST4011

Refer to CLST4011

### CLST4013

#### Celtic Studies Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** CLST4012

Refer to CLST4011

### CLST4014

#### Celtic Studies Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** CLST4013

Refer to CLST4011

## Chinese Studies

### CHNS1101

#### Chinese 1A (For Beginners)

**Credit points:** 6 **Session:** Semester 1, Summer Main **Classes:** 5 class hours per week of which one is required for on-line or individual learning. **Corequisites:** Students are strongly advised to take CHNS1601 Understanding Contemporary China. **Prohibitions:** HSC Chinese for Background Speakers; eligibility for CHNS1201 or higher **Assumed knowledge:** This unit of study is suitable for complete beginners and for those students who, in the department's judgement, are best advised to go back to the beginning. **Assessment:** (Subject to revision) on-line or individual learning (20%); oral presentations (40%); writing projects (40%).

This unit is an introduction to basic communication skills in Modern Standard Chinese for beginners. Foundation work on pronunciation, pinyin romanisation, elementary grammar and the Chinese writing system will be followed by conversational drills, comprehension, reading and writing practice in classwork and homework.

*Textbooks*

Ted Yao and Yuehua Liu. Integrated Chinese. Level One, Part One. Textbook, Workbook and Character Workbook. 2nd edition. Boston: Cheng and Tsui, 2005

### CHNS1102

#### Chinese 1B (For Beginners)

**Credit points:** 6 **Session:** Semester 2, Summer Late **Classes:** 5 class hours per week of which one is required for on-line or individual learning. **Prerequisites:** CHNS1101 **Prohibitions:** HSC Chinese for Background Speakers, eligibility for CHNS1201 or higher **Assumed knowledge:** One semester of Chinese at introductory level. **Assessment:** (Subject to revision) on-line or individual learning. (20%); oral presentations (40%); writing projects (40%).

This unit is a continuation of Chinese 1A. Emphasis will be on grammar patterns that facilitate speaking and reading skills. On completion, students should have a good grasp of common grammatical patterns and be able to communicate with Chinese native speakers in daily contexts.

*Textbooks*

Ted Yao and Yuehua Liu. *Integrated Chinese. Level One, Part Two. Textbook, Workbook and Character Workbook.* 2nd edition. Boston: Cheng and Tsui, 2005

### CHNS1201

#### Chinese 1C (For Advanced Beginners)

**Credit points:** 6 **Session:** Semester 1 **Classes:** 4 class hours per week. Language laboratory work will be required. **Corequisites:** Students are strongly advised to take CHNS1601 Understanding Contemporary China. **Prohibitions:** HSC Chinese for Background Speakers; eligibility for higher-level classes **Assumed knowledge:** Native- or near-native fluency in a spoken Chinese language (e.g., Putonghua, Cantonese) combined with no, or very limited, knowledge of characters. **Assessment:** (Subject to revision) classwork (20%); oral presentations (20% each); composition tests or exercises (20%) and major reading/writing tests (40%).

A fast-paced intermediate unit of study intended primarily for native and fluent "background" speakers of Chinese languages, including Cantonese, who know few (up to about 200) characters or none at all. The objective is rapid development of Chinese-language proficiency to equip students for advanced work in Chinese Studies. Emphases include reading and writing skills and standard Putonghua pronunciation.

*Textbooks*

Chou Chih-p'ing, Perry Link and Wang Xuedong. *Oh China: Elementary Reader of Modern Chinese for Advanced Beginners.* Princeton: Princeton University Press, 1997

### CHNS1202

#### Chinese 1D (For Advanced Beginners)

**Credit points:** 6 **Session:** Semester 2 **Classes:** 4 class hours per week. Language laboratory work will be required. **Prerequisites:** CHNS1201 **Prohibitions:** HSC Chinese for Background Speakers; eligibility for higher-level classes **Assumed knowledge:** Native- or near-native fluency in a spoken Chinese language (e.g., putonghua, Cantonese) combined with full mastery (reading and writing) of about 400 to 500 characters; at least basic communicative skills in Putonghua. **Assessment:** (Subject to revision) classwork (20%); oral presentations (20%); vocabulary quizzes (10%); four composition tests or exercises (20%); two major reading/writing tests (15% each).

Continuation of Chinese 1C, with similar objectives, pace and workload. By the end of the year, students should be able to read Chinese-language materials of limited complexity, and to discuss them in Putonghua.

*Textbooks*

Chou Chih-p'ing, Perry Link and Wang Xuedong. *Oh China: Elementary Reader of Modern Chinese for Advanced Beginners.* Princeton: Princeton University Press, 1997

### CHNS1601

#### Understanding Contemporary China

**Credit points:** 6 **Teacher/Coordinator:** Dr Y. Wang **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prohibitions:** ASNS1101 **Assessment:** 2000 word essay (40%), in class test (30%), class presentation equivalent to 1000 words (20%), tutorial participation (10%).

This unit of study introduces key topics essential to understanding contemporary Chinese society and culture, including geography and environment, recent social and political change, art, literature and cultural practice, population and economic structure, education systems and issues of gender and sexuality. As a foundational unit in Chinese studies, it assumes no background knowledge of China or the Chinese language. It will be taught in English with an interdisciplinary approach.

*Textbooks*

Consult the department.

### CHNS1801

#### Chinese Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

This unit exists solely as an enrolment option for students who wish to study elementary Chinese while on exchange. Students who plan to study intermediate or advanced Chinese in China or Taiwan should seek department permission to enrol in a "Chinese In-Country Study" unit instead.

### CHNS1802

#### Chinese Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

See under CHNS1801.

### CHNS2601

#### Chinese 2A (Lower Intermediate)

**Credit points:** 6 **Session:** Semester 1 **Classes:** 4 or 5 hours per week. Additional language laboratory work may be expected **Prerequisites:** CHNS1102 **Prohibitions:** HSC Chinese for Background Speakers or equivalent, CHNS2101 **Assumed knowledge:** One year (approx. 5 hours per week for 26 weeks) of Chinese at introductory level. **Assessment:** Classwork (10%); short compositions equivalent to 1000 words (20%); group performance, including written script (20%); in-class tests (50%).

Intermediate unit of study in Modern Standard Chinese. Rapid vocabulary expansion, strengthening of reading, writing, listening and speaking skills, and sophistication of grammatical knowledge will be pursued in integrated fashion. Students must expect to work hard, using private study time to full advantage. On completion of this unit of study, students should have active use of up to about 1000 characters and be able to engage in simple discussions, write short compositions and read fluently within their vocabulary range.

*Textbooks*

Ted Yao and Yuehua Liu. *Integrated Chinese. Level Two. Textbook and Workbook.* 2nd edition. Boston: Cheng and Tsui, 2005

### CHNS2602

#### Chinese 2B (Lower Intermediate)

**Credit points:** 6 **Session:** Semester 2 **Classes:** 4 or 5 hours per week. Additional language laboratory work may be expected **Prerequisites:** CHNS2601 or CHNS2101 **Prohibitions:** HSC Chinese for Background Speakers or equivalent, CHNS2102 **Assumed knowledge:** Sound intermediate knowledge of Modern Standard Chinese, including full mastery of about 1000 characters (preferably full-form). **Assessment:** Classwork (10%); short compositions equivalent to 1000 words (20%); group performance, including written script (20%); in-class tests (50%).

Continuation of Chinese 2A, with similar workload. Rapid enhancement and expansion of essential Chinese-language skills (proficiency in listening and speaking, reading comprehension, dictionary use, character knowledge, etc.). On completion of this unit of study, students will know up to about 1300 characters and be able to read Chinese-language materials of limited complexity and to discuss their content orally and in short compositions.

*Textbooks*

Ted Yao and Yuehua Liu. *Integrated Chinese. Level Two. Textbook and Workbook.* 2nd edition. Boston: Cheng and Tsui, 2005

### CHNS2611

#### Classical Chinese A

**Credit points:** 6 **Teacher/Coordinator:** Dr D Herforth **Session:** Semester 1 **Classes:** 3 class hours per week **Prerequisites:** CHNS1102 or CHNS1202 or CHNS2602 or CHNS3602 or CHNS3604 or CHNS2102 or CHNS3104 or CHNS2204 or department permission **Prohibitions:** HSC Chinese for Background Speakers (or equivalent), CHNS2111, CHNS2903, CHNS1313 **Assumed knowledge:** Minimum of one year of Chinese at introductory level, preferably using full-form characters. **Assessment:** Classwork (10%); two 30-minute tests (5% each); three 40-minute tests (20% each); cultural exploration project resulting in an essay of 1500 words (20%).

*Note: Department permission required for enrolment.*

Foundation work in Classical Chinese, an ancient language that still plays a role in modern China and that often challenges Western notions of how languages behave. Students will develop a basic understanding of the grammar and vocabulary, thus equipping themselves for exploration of China's distinctive philosophical and literary traditions in the original language. They will undertake



supplementary reading in English on a topic of their choice, thus enriching their knowledge of premodern Chinese culture.

*Textbooks*

Robert L. Chard, Helen Dunstan and Derek Herforth. *Foundations in Classical Chinese: A Constructional Approach*. Available from the University Copy Centre.

**CHNS2612**  
**Classical Chinese B**

**Credit points:** 6 **Teacher/Coordinator:** Dr D. Herforth **Session:** Semester 2  
**Classes:** 3 class hours per week **Prerequisites:** CHNS2611; or CHNS2111; or HSC Chinese for Background Speakers (or equivalent) plus department permission; or CHNS1313 plus department permission or CHNS2903  
**Prohibitions:** CHNS2112, CHNS2904, CHNS1314 **Assessment:** Classwork (10%); three 50-minute tests (20% each); homework exercises (10%); cultural exploration project resulting in an essay of 1500 words (20%).

Continued study of Classical Chinese grammar and vocabulary through original texts. Students will gain the knowledge and confidence to explore a wider range of ancient and early-imperial Chinese philosophical and literary writings, including some poetry, thereby acquainting themselves with certain major authors in the Chinese tradition. Supplementary reading in English will enable them to broaden and deepen their understanding of Chinese culture while practising some basic research skills.

*Textbooks*

Robert L. Chard, Helen Dunstan and Derek Herforth. *Foundations in Classical Chinese: A Constructional Approach*. Available from the University Copy Centre.

**CHNS2650**  
**Chinese In-Country Study A**

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Prerequisites:** CHNS1102 or CHNS1202 (or a sequel within the same stream); or any senior CHNS unit of study whose numeric code has 60 as the second and third digits. Native speakers of Chinese who can read Chinese fluently and seek special permission to undertake in-country study after first year must present a coherent academic rationale to the department. **Assumed knowledge:** At least a year of Modern Standard Chinese at tertiary level (or equivalent). The department recommends that students complete at least two semesters of Chinese prior to undertaking a full semester of in-country study. **Assessment:** As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney.

*Note: Department permission required for enrolment.*

Enrolment in an approved semester-based program of study (normally intermediate or advanced Modern Standard Chinese language) at a tertiary institution in China or Taiwan. Students can earn 6 credit points for every 52 hours of Chinese-language class in China or Taiwan, to a maximum of 24 credit points in any one semester. Credit may also be awarded at the rate of 6 credit points per 4 full weeks of intensive study after completion of an approved summer in-country Chinese-language program.

**CHNS2651**  
**Chinese In-Country Study B**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

All details as for CHNS2650.

**CHNS2652**  
**Chinese In-Country Study C**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

All details as for CHNS2650.

**CHNS2653**  
**Chinese In-Country Study D**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

All details as for CHNS2650.

**CHNS2654**  
**Chinese In-Country Study E**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

All details as for CHNS2650.

**CHNS2655**  
**Chinese In-Country Study F**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

All details as for CHNS2650.

**CHNS2656**  
**Chinese In-Country Study G**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

All details as for CHNS2650.

**CHNS2657**  
**Chinese In-Country Study H**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

All details as for CHNS2650.

**CHNS2810**  
**Chinese Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

This unit exists solely as an enrolment option for students who wish to study Chinese while on exchange at a university elsewhere than in China or Taiwan. Students who plan to study intermediate or advanced Chinese in China or Taiwan should seek department permission to enrol in a "Chinese In-Country Study" unit instead.

**CHNS2811**  
**Chinese Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

See under CHNS2810.

**CHNS2812**  
**Chinese Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

See under CHNS2810.

**CHNS2813**  
**Chinese Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

See under CHNS2810

**CHNS3601**  
**Chinese 3A (Upper Intermediate)**

**Credit points:** 6 **Session:** Semester 1 **Classes:** 4 class hours per week. Language laboratory work will be required **Prerequisites:** CHNS2602 or CHNS2102 **Prohibitions:** HSC Chinese for Background Speakers or equivalent; CHNS3103 **Assumed knowledge:** Two years of university-level Chinese-language instruction for students without prior knowledge of Chinese. **Assessment:** Classwork (20%); oral presentations (20%); writing assignments (20%); in-class tests (40%).

Upper-intermediate unit of study in Modern Standard Chinese. Proficiency in reading will be developed through study of Chinese-language texts on a range of social and cultural topics. Speaking, listening, reading and writing will be enhanced through advanced language exercises, including composition and discussion, with due attention to the more sophisticated skills (e.g., use of

appropriate registers, intelligent dictionary use, expressing ideas on more complex issues than at lower-intermediate level).

#### Textbooks

Hong Gang Jin et al. *China Scene: An Advanced Chinese Multimedia Course*. (Traditional & Simplified Character edn.), Boston: Cheng & Tsui Company, 2007

### CHNS3602

#### Chinese 3B (Upper Intermediate)

**Credit points:** 6 **Session:** Semester 2 **Classes:** 4 class hours per week. Language laboratory work will be required **Prerequisites:** CHNS3601 or CHNS3103 **Prohibitions:** HSC Chinese for Background Speakers or equivalent; CHNS3104 **Assumed knowledge:** Two and a half years of university-level Chinese-language instruction for students without prior knowledge of Chinese. **Assessment:** Classwork (20%); oral presentations (20%); writing assignments (20%); in-class tests (40%).

Continuation of Chinese 3A (Upper Intermediate). Continuing development of Chinese-language literacy through study of texts on a range of social and cultural topics, including some authentic literary texts. Further enhancement of speaking, listening and writing skills through advanced language exercises, including composition and discussion. Upon completion, students should be comfortable with both full-form and simplified characters, use dictionaries and language registers discerningly, and be confident of their ability to express ideas and arguments effectively in Chinese.

#### Textbooks

Hong Gang Jin et al. *China Scene: An Advanced Chinese Multimedia Course*. (Traditional & Simplified Character edn.), Boston: Cheng & Tsui Company, 2007

### CHNS3603

#### Chinese 4A (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** CHNS1202 or CHNS3602 or CHNS3104 **Prohibitions:** HSC Chinese for Background Speakers or equivalent; CHNS2203; CHNS2204 **Assessment:** (Subject to revision) classwork (10%); in-class tests (40%); oral presentation (20%); Chinese-language writing assignments, at least one of which may be done under test conditions (30%).

Advanced training in modern Chinese language, with a focus on reading. By studying a range of literary and non-literary texts, graded for difficulty, students will acquire the reading skills necessary for advanced work in Chinese Studies. They will enrich their knowledge of Chinese as a vehicle for discussion of important issues, while developing their own skills in oral and written expression of relatively complex subject matter. They will also acquaint themselves with some major Chinese authors.

#### Textbooks

Chou, Chih-p'ing, et al. *Anything Goes: An Advanced Reader of Modern Chinese*. Princeton University Press, 2006.

### CHNS3604

#### Chinese 4B (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** CHNS3603 or CHNS2203 **Prohibitions:** HSC Chinese for Background Speakers or equivalent; CHNS2204 **Assessment:** (Subject to revision) classwork (10%); in-class tests (40%); oral presentation (20%); Chinese-language writing assignments, at least one of which may be done under test conditions (30%).

Continuation of Chinese 4A (Advanced). Further training in the reading skills necessary for advanced work in Chinese Studies or professional work requiring Chinese-language literacy. Students will gain familiarity with a broader range of literary and non-literary texts reflecting the concerns of Chinese people in the modern world, while enhancing their ability to discuss complex subject matter in both spoken and written Chinese.

#### Textbooks

Chou, Chih-p'ing, et al. *Anything Goes: An Advanced Reader of Modern Chinese*. Princeton University Press, 2006

### CHNS3605

#### Advanced Chinese Studies A

**Credit points:** 6 **Session:** Semester 1 **Classes:** 3 class hours per week **Prerequisites:** CHNS3604 or Distinction in CHNS3602. (Note: students who have earned a Distinction in CHNS3602 will be permitted to take this subject either with or instead of Chinese 4A). **Prohibitions:** HSC Chinese for Background Speakers (or equivalent). **Assessment:** (Subject to revision):

Classwork (10%); in-class tests (40%); one presentation based on research project (20%); one essay resulting from research project (30%).

This unit is designed for advanced learners and near native speakers of the Chinese language. It emphasizes analysis and discussions in Chinese on topics that reflect aspects of modern Chinese society, culture and politics. Students will gain practice in independent library-based research through associated research project and essay work.

#### Textbooks

Liu, Qiangong. *Topics on Contemporary China: Advanced Reading and Expression Course*. Beijing: Peking University Press, 2004

### CHNS3606

#### Advanced Chinese Studies B

**Credit points:** 6 **Session:** Semester 2 **Classes:** 2 class hours per week **Prerequisites:** CHNS3605 Advanced Chinese Studies A, or department permission. [Note: students who have earned a Distinction in CHNS3603 Chinese 4A (Advanced) will be permitted to take this subject either with or instead of CHNS3604 Chinese 4B (Advanced)] **Assessment:** (Subject to revision): Classwork (10%); in-class tests (40%); one presentation based on research project (20%); one essay resulting from research project (30%).

This unit is a continuation of CHNS3605. It emphasizes analysis and discussions in Chinese on topics that reflect aspects of modern Chinese society, culture and politics. Students will gain research skills through associated research project and essay work.

#### Textbooks

Liu, Qiangong. *Topics on Contemporary China: Advanced Reading and Expression Course*. Beijing: Peking University Press, 2004

### CHNS3608

#### Chinese for Business Purposes (A)

**Credit points:** 6 **Session:** Semester 1 **Classes:** 2 class hours per week **Prerequisites:** CHNS2602, CHNS1202 or CHNS2102 **Corequisites:** CHNS3601 or CHNS3603 **Prohibitions:** HSC Chinese for Background Speakers or equivalent; CHNS3421 **Assumed knowledge:** Sound intermediate knowledge of Modern Standard Chinese **Assessment:** Classwork (10%); in-class tests (40%); writing exercises (20%); research-based oral presentation (15%); vocabulary quizzes (15%).

Introduction to Business Chinese for students with sound intermediate knowledge of Modern Standard Chinese. Basic training in reading Chinese-language newspaper articles, business reports and advertisements, as well as conducting business negotiation, discussion and analysis. Students will gain understanding of the organisation and characteristics of the Chinese economy, using concepts that describe recent changes in government policy, industry, banking, the stock market and import and export trades, as well as the development of consumerism.

#### Textbooks

Jane C. M. Kuo. *Open for Business: Lessons in Chinese Commerce for the New Millennium*. Vol. 1. Textbook and Workbook. Boston: Cheng and Tsui, 2001

### CHNS3609

#### Chinese for Business Purposes (B)

**Credit points:** 6 **Session:** Semester 2 **Classes:** 2 class hours per week **Prerequisites:** CHNS3608 or CHNS3421 **Corequisites:** CHNS3602 or CHNS3604 **Prohibitions:** HSC Chinese for Background Speakers or equivalent; CHNS3422 **Assumed knowledge:** Sound intermediate to advanced knowledge of Modern Standard Chinese; basic grounding in Chinese for business purposes. **Assessment:** Classwork (10%); in-class tests (40% in total); writing exercises (20%); research-based oral presentation (15%); vocabulary quizzes (15%).

Continuation of Chinese for Business Purposes (A). Further development of the skills acquired during First Semester. New topics introduced will include Chinese systems of management; the information technology, real estate and insurance industries; and issues regarding the Internet, intellectual property rights, and environmental protection.

#### Textbooks

Jane C. M. Kuo. *Open for Business: Lessons in Chinese Commerce for the New Millennium*. Vol. 2. Textbook and Workbook. Boston: Cheng and Tsui, 2001

**CHNS3632****The Novel in Premodern China**

**Credit points:** 6 **Teacher/Coordinator:** Dr Y. Wang **Session:** Semester 2  
**Classes:** 3 hours per week. **Prerequisites:** 12 credit points from Table A of the Table of Units of Study in the Faculty of Arts or equivalent **Prohibitions:** CHNS3532 **Assumed knowledge:** No knowledge of the Chinese language or Chinese literature is required. **Assessment:** Classwork 10%; class presentation 20%; in-class test 30%; 2000-word essay 40%.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Beauty, fantasy, satire, eroticism, humour, historical romance, apt character depiction, monumental scale, reflection of popular taste, appeal to refined sensibility... The numerous novels written in pre-modern China have diverse characteristics, and some are better known than others. Students will read one or more novels in the original and/or translation. Intensive study of selected chapters, read in the original, will be combined with consideration of Chinese and/or Western scholarship on the texts in question.

**Textbooks**

Will include readings available from the University Copy Centre and/or online.

**CHNS3639****Chinese Cinema**

**Credit points:** 6 **Teacher/Coordinator:** Dr Y. Wang **Session:** Semester 1  
**Classes:** 2 hours lectures per week, 1 hour of tutorials per week and 2-3 hours film screening. **Prerequisites:** 12 credit points from Part A of the Table of Units of Study in the Faculty of Arts or equivalent. **Assumed knowledge:** No knowledge of the Chinese language or cinema is required. **Assessment:** Classwork (10%); oral presentation plus written report of 500 words (30%); one-hour in-class test (20%); one essay (2000 words) 40%.

This unit introduces students to the cinema of mainland China, Hong Kong and Taiwan. We will view representative films of different periods and different regions, and read them within their historical and cultural context. We will explore how these films blend "traditional Chinese" and local elements -- plots, symbols, sound, music, performance styles and others -- with "modern" and "global" devices. We will also examine how Chinese cinema thus creates new definitions of Chinese identity and modernity.

**CHNS3641****Chinese Philosophy**

**Credit points:** 6 **Teacher/Coordinator:** Dr D. Herforth **Session:** Semester 2  
**Classes:** 2 class hours per week **Prerequisites:** 12 credit points of Chinese language; or 12 non-language credit points from Table A of the Table of Units of Study in the Faculty of Arts; or department permission. (Note: students who hope to attend the Chinese-language tutorials must have successfully completed one of the following: CHNS2612, CHNS2112, CHNS2904, CHNS1314). **Prohibitions:** CHNS3551, CHNS3451 **Assumed knowledge:** No knowledge of the Chinese language or of Chinese philosophy is required. **Assessment:** Classwork (15%); 1-hour test (25%); 20-minute oral presentation (15%); 2500-word essay (25%); additional written assignments to a total of 1500 words, at least part of which may be done under test conditions (20%).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit offers students the opportunity to explore China's great philosophical traditions through readings of important texts either in the original or in English translation. While the coverage will be broad, there may be some focus on one or more of the following: pre-Qin philosophical diversity; Daoism and Neo-Daoism; the Song and Ming Neo-Confucian schools; Chinese political philosophy; Chinese contributions to Buddhist philosophy. Students will be expected to read relevant secondary scholarship in the areas selected for study.

**Textbooks**

Readings available from the University Copy Centre and/or online.

**CHNS3646****Classical Chinese Fiction**

**Credit points:** 6 **Teacher/Coordinator:** Dr D. Herforth **Session:** Semester 1  
**Classes:** 3 hours per week **Prerequisites:** CHNS2612 or CHNS2112 or CHNS1314 or CHNS2904 **Prohibitions:** CHNS3543, CHNS3443 **Assumed knowledge:** Good grounding in Classical Chinese **Assessment:** Classwork (20%); two 40-minute tests (15% each); 2000-word essay (25%); oral presentation based on work for essay (10%); other exercises (e.g. translation) equivalent to 1000 words of essay (15%). The essay may be in Chinese (consult instructor for the required number of characters).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

How does the lean prose of Classical Chinese express complexities of feeling or imagination? What issues does fiction in this ancient language raise about traditional Chinese society, beliefs and values? This unit of study examines samples of such fiction from one or more historical periods (e.g., pre-Tang tales of the supernatural, the chuanqi fiction of the Sui and Tang, the "strange stories" of the seventeenth-century scholar Pu Songling) in light of these questions and of modern scholarship.

**Textbooks**

Readings available from the University Copy Centre and/or online.

**CHNS4011****Chinese Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr Linda Tsung, Dr Wei Wang, Dr Yiyan Wang, Dr Yi Zheng **Session:** Semester 1, Semester 2 **Prerequisites:** The minimum requirements for admission to Honours are as follows: (1) a major in Chinese Studies plus sufficient additional credit points selected from other China-focused units of study to reach 48 senior credit points; and (2) a Credit average in all qualifying units of study. In addition, ASNS3690, Approaches to Research in Asian Studies is strongly recommended and may be counted towards the required 48 senior credit points by all students except those whose qualifying senior credit points include CHNS2601 (or 2101) and/or CHNS2602 (or 2102). Intending Honours students are advised to take as many senior credit points as possible in Chinese language and China-related subjects. **Assessment:** A thesis of 12000-16000 words and 5000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Chinese Studies consists of:

1. a thesis written in English under the supervision of one or more members of academic staff
2. four coursework components

The thesis should be of 12000-16000 words in length. Each coursework component requires 5000 words of written work or its equivalent.

The thesis is worth 33.33% of the final mark and each of the coursework components is worth 16.66%

As part of their coursework, students need to complete the following seminar which is offered in first semester:

Approaches to Research on Modern China

A further coursework component may comprise supervised reading in an area that especially interests the student and/or participation in a joint thesis research seminar (subject to confirmation). Students can also select coursework components from other programs in the Faculty of Arts. The coursework components will be selected in consultation with the chair of department according to the student's proficiency in Chinese. Advanced language work will be available for students who have completed only the basic three-year sequence in Chinese language from beginning level.

For more information, contact Dr Yiyan Wang, Honours coordinator.

**CHNS4012****Chinese Honours B**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Prerequisites:** See under CHNS4011. **Corequisites:** CHNS4011

See under CHNS4011.

**CHNS4013****Chinese Honours C**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Prerequisites:** See under CHNS4011. **Corequisites:** CHNS4012

See under CHNS4011.

**CHNS4014****Chinese Honours D**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Prerequisites:** See under CHNS4011. **Corequisites:** CHNS4013

See under CHNS4011.

## Classical Studies

### CLCV1801

#### Classical Civilisation Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### CLCV1802

#### Classical Civilisation Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### CLSS2804

#### Classical Civilisation Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### CLSS2805

#### Classical Civilisation Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### CLSS4011

#### Classics Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Classes:** two seminars, each seminar meeting for 3 hours per week for one semester **Prerequisites:** Either credit average in 36 senior credit points of Latin, including two of LATN3603, 3604, 3605, 3606 plus 18 additional senior credit points of Greek OR credit average in 36 senior credit points of Greek, including two of GRKA3603, 3604, 3605, 3606 plus 18 additional senior credit points of Latin. **Assessment:** a thesis of 15,000 words, 6,000 words of written work or its equivalent for each seminar and one exam

*Note: Department permission required for enrolment.*

The Honours program in Classics consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for three hours for one semester
3. one unseen exam on either a Greek or a Latin text.

The thesis should be of 15,000 words in length. Each seminar requires 6,000 words of written work or its equivalent.

The thesis is worth 45% of the final Honours mark, each of the seminars is worth 22.5% and the unseen exam is worth 10%.

The following seminars are on offer in 2010:

Greek Oratory and Historiography (Prof Peter Wilson)

Greek Drama (Dr Sebastiana Nervegna)

Latin Republican Poetry (Assoc Prof Lindsay Watson)

Latin Imperial Prose (Dr Paul Roche)

For more information, contact Dr Alastair Blanshard, Honours coordinator.

### CLSS4012

#### Classics Honours B

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to CLSS4011 **Corequisites:** CLSS4011 **Assessment:** Refer to CLSS4011

Refer to CLSS4011

### CLSS4013

#### Classics Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to CLSS4011 **Corequisites:** CLSS4012 **Assessment:** Refer to CLSS4011

Refer to CLSS4011

### CLSS4014

#### Classics Honours D

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to CLSS4011 **Corequisites:** CLSS4013 **Assessment:** Refer to CLSS4011

Refer to CLSS4011

## Comparative Literary Studies (See International Comparative Literary Studies) Cultural Studies

### GCST2601

#### Introducing Media and Popular Culture

**Credit points:** 6 **Teacher/Coordinator:** Dr Guy Redden **Session:** Semester 1, Winter Main **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 junior credit points **Prohibitions:** WMST2001 **Assessment:** one 1500 word textual analysis, one 2500 word essay and tutorial participation *Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit of study will introduce students to the discipline of Cultural Studies through the analysis of media and popular culture. The unit of study will draw on a range of interdisciplinary theories in order to explore how contemporary media and popular culture is analysed within Cultural Studies, including focus on magazines, advertising, cinema and televisual genres, popular music and video, and the internet.

### GCST2608

#### Gender, Communities and Belonging

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 Junior credit points **Prohibitions:** WMST2008 **Assessment:** one 500 word tutorial assignment, one 1500 word essay and one 2000 word take-home exam *Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit examines experiences of gender, difference, and belonging within formations of community. It looks at the operation of power and at how power produces and regulates communities, places and identities. It questions the assumption that community is based on the unity and similarity of citizens and their location in bounded cultures and places, and examines alternatives such as difference, cultural diversity, and sociality. Specific debates about the production of community, place and culture within globalisation and contemporary operations of democracy, governance and power are examined. The course is divided into 3 sections: Community and Identity; Community, Difference and Belonging; and Cosmopolitanism and Hospitality.

### GCST2812

#### Cultural Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2 *Note: Department permission required for enrolment.*

### GCST2813

#### Cultural Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2 *Note: Department permission required for enrolment.*

### GCST2814

#### Cultural Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2 *Note: Department permission required for enrolment.*

### GCST2815

#### Cultural Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2 *Note: Department permission required for enrolment.*

### GCST2816

#### Cultural Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2 *Note: Department permission required for enrolment.*

### GCST2817

#### Cultural Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GCST2818

#### Cultural Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GCST2819

#### Cultural Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GCST3603

#### Consumer Cultures

**Credit points:** 6 **Teacher/Coordinator:** Dr Ruth Barcan **Session:** Semester 1 **Classes:** one 1.5 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 Junior credit points, including 6 credit points in GCST **Prohibitions:** WMST3003 **Assessment:** journal exercises (equivalent to 1500 words), one 1500 word essay, and one 2000 word essay

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

From the theoretical basis of cultural studies, this unit examines the ways in which identities are increasingly formed through consumption. It looks both at critiques of consumer societies and at more optimistic theories about the different forms of life that are promoted by consumer culture, including the forms of identity and belonging they engender. We will consider elements of both material culture (e.g. possessions) and media culture.

### GCST3604

#### Cultural Theory

**Credit points:** 6 **Teacher/Coordinator:** Dr Catherine Driscoll **Session:** Semester 2 **Classes:** one 1 hour lecture, one 1.5 hour tutorial and 30 minutes of online learning per week **Prerequisites:** 18 junior credit points including at least 6 credit points GCST **Assessment:** Three 500 word responses to readings, choice of exam or 2500 word research essay, and participation in class and online

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Cultural Studies was widely discussed as one of the "New Humanities" in the 1990s, but a long history of debates about and theories of culture precede the discipline, and the processes of deciding what are the key texts and concepts of Cultural Studies is ongoing. This unit overviews core and the most frequently referenced critical and theoretical texts from the Cultural Studies "canon". Students will also undertake reading and analysis exercises designed to help them come to grips with using "theory" in their own work.

### GCST4011

#### Cultural Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Classes:** one class of 2-3 hours per week for each seminar **Prerequisites:** Credit average in 48 senior credit points of Cultural Studies, including GCST2601 (or WMST2001) **Assessment:** a thesis of 15,000 words and 6,000 words of written work or its equivalent for each seminar

*Note: Department permission required for enrolment.*

The Honours program in Cultural Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. one seminar that meets weekly for 3 hours for one semester and two seminars that meet weekly for 2 hours for one semester
3. non-assessable participation in an Honours "mini-conference" that runs for half a day early in semester 2.

The thesis should be of 15,000 words in length. Each seminar requires 6,000 words of written work or its equivalent.

The thesis is worth 40% of the final Honours mark and each of the seminars is worth 20%.

The following seminars are on offer in 2010:

Arguing the Point (Dr Melissa Gregg)

Natures and Cultures of Bodies (Dr Kane Race)

Modernism, Modernity and Modern Culture (Dr Catherine Driscoll)  
Identity, Place and Culture (Prof Meaghan Morris)

For more information, contact Dr Fiona Allon, Honours coordinator.

### GCST4012

#### Cultural Studies Honours B

**Credit points:** 12 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to GCST4011 **Corequisites:** GCST4011 **Assessment:** Refer to GCST4011

Refer to GCST4011

### GCST4013

#### Cultural Studies Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to GCST4011 **Corequisites:** GCST4012 **Assessment:** Refer to GCST4011

Refer to GCST4011

### GCST4014

#### Cultural Studies Honours D

**Credit points:** 12 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to GCST4011 **Corequisites:** GCST4013 **Assessment:** Refer to GCST4011

Refer to GCST4011

### GCST4101

#### Arguing the Point

**Credit points:** 6 **Teacher/Coordinator:** Dr Melissa Gregg **Session:** Semester 1 **Classes:** one 2 hour seminar per week **Prerequisites:** Credit average in 48 senior credit points of Gender Studies, including GCST2602 (or WMST2002) OR credit average in 48 senior credit points of Cultural Studies, including GCST2601 (or WMST2001) **Prohibitions:** WMST4011 **Assessment:** 4000-6000 words of written work or its equivalent

*Note: Department permission required for enrolment. Note: The Honours in Gender Studies and Honours in Cultural Studies programs are structured in the same way. For each, a student must enrol in GCST4101 Arguing the Point and GCST4102 Research Skills. Every student then takes four Honours Thesis units and two Honours Seminar units, in Gender Studies or Cultural Studies respectively. It is also possible to do combined Honours by enrolling in one Seminar and two Thesis units from each discipline. All Honours students are also expected to attend the Departmental research seminar series. Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010.*

### GCST4102

#### Research Skills

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1 **Corequisites:** GCST4101 **Assessment:** Satisfactory completion **Practical field work:** Workshop lengths at times vary across the semester. A program is provided at the beginning of semester.

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

### GCST4111

#### Cultural Studies Honours Seminar A

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Classes:** one 2 hour seminar per week **Corequisites:** GCST4101 **Assessment:** 4000-6000 words of written work or its equivalent

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

### GCST4112

#### Cultural Studies Honours Seminar B

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Classes:** one 2 hour seminar per week **Corequisites:** GCST4101 **Assessment:** 4000-6000 words of written work or its equivalent

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

### GCST4113

#### Cultural Studies Honours Thesis A

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Classes:** Consultations with a supervisor appointed by the

Department, as determined between the student and the supervisor  
**Corequisites:** GCST4101 **Assessment:** 15000 word thesis

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

#### GCST4114

##### Cultural Studies Honours Thesis B

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Classes:** Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor  
**Corequisites:** GCST4101 **Assessment:** See GCST4113

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

#### GCST4115

##### Cultural Studies Honours Thesis C

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Classes:** Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor  
**Corequisites:** GCST4101 **Assessment:** See GCST4113

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

#### GCST4116

##### Cultural Studies Honours Thesis D

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Classes:** Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor  
**Corequisites:** GCST4101 **Assessment:** See GCST4113

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

## Digital Cultures

#### ARIN2600

##### Technocultures

**Credit points:** 6 **Teacher/Coordinator:** Dr C Chesher **Session:** Semester 1 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 junior credit points **Prohibitions:** ARIN3000 **Assessment:** Review (1500 words); Presentation & Discussion Resource (500 words equiv); Essay (2500 words); Participation

Technocultures explores how technology and culture are bound together in increasingly complex ways. Information and communication technologies in particular contribute to widespread reconfigurations of writing, sociality, politics, embodiment, aesthetics, perception, memory and thought itself. Drawing on recent critical theory and cultural research, this unit unravels the complex interplay between humans and technologies.

##### Textbooks

ARIN2600 Course Reader

Recommended reading:

Trend, David (2001) Reading digital culture, Malden, Mass. and Oxford: Blackwell.

Murphie, Andrew and John Potts (2003) Culture and technology, London: Palgrave MacMillan.

#### ARIN2610

##### Web Production

**Credit points:** 6 **Teacher/Coordinator:** Mr J Tonkin **Session:** Semester 2, Summer Main **Classes:** One 1 hour lecture and one 2 hour workshop per week **Prerequisites:** 18 junior credit points **Prohibitions:** ARIN2100 **Assessment:** One 1500 word website review, one 1500 word essay, one project / website (equivalent to 1500 words) and participation

Where web production was once the domain of technical specialists, it has become an everyday activity. The challenge now is to do it well. Learn key concepts and skills for the analysis and production of media for the World Wide Web. Critically examine contemporary writing practices and design methodologies in emerging forms of internet content authoring and distribution. Learn a range of content creation tools and develop strategies for building and managing web content in ways appropriate to specific contexts.

##### Textbooks

Readings will be supplied online

Recommended reading:

Sarah Horton, 2005

Access by Design: A Guide to Universal Usability for Web Designers

[http://universalusability.com/access\\_by\\_design/](http://universalusability.com/access_by_design/)

#### ARIN2620

##### Cyberworlds

**Credit points:** 6 **Teacher/Coordinator:** Dr K Cleland **Session:** Semester 1 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 junior credit points **Prohibitions:** ARIN2200 **Assessment:** One 2000 word essay, One 2500 word report.

*Note: May be cross-listed for a Sociology major*

Are online encounters different from face-to-face encounters? Are online communities 'real' communities? How do online identities relate to offline identities? This unit of study introduces students to key perspectives, themes and debates in the expanding world of cyberspace and cyberworld communities including social networking sites, games and virtual worlds. Students will also investigate how new forms of user-generated content and participatory media are shaping our cyberworld experiences.

##### Textbooks

ARIN2620 Course Reader

#### ARIN2630

##### Digital Arts

**Credit points:** 6 **Teacher/Coordinator:** Dr K Cleland **Session:** Semester 2 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 junior credit points **Prohibitions:** ARIN2300 **Assessment:** One 2000 word essay, one 1000 word review and one research project (equivalent to 1500 words)

*Note: May be cross-listed for an Art History and Theory major.*

This unit of study introduces students to a diverse range of art practices that utilise new digital media including: interactive art works, digital media installations, net art and art and science projects. Students will learn about the aesthetic and technical dimensions of new digital technologies and will develop the critical and analytical tools with which to discuss and evaluate digital art works.

##### Textbooks

ARIN2630 reader

Paul, C. Digital Art. London: Thames & Hudson, 2003

Recommended reading:

Bolter, J.D. & Grusin, R. A. Remediation: understanding new media. Cambridge, Mass.: MIT Press, 1999.

#### ARIN2801

##### Digital Cultures Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr C Chesher **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Digital Cultures at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Digital Cultures.

#### ARIN2802

##### Digital Cultures Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr C Chesher **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Digital Cultures at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in Digital Cultures.

#### ARIN2803

##### Digital Cultures Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr C Chesher **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Digital Cultures at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in Digital Cultures.

#### **ARIN2804** **Digital Cultures Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr C Chesher **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Digital Cultures at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in Digital Cultures.

#### **ARIN2805** **Digital Cultures Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr C Chesher **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Digital Cultures at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in Digital Cultures.

#### **ARIN2806** **Digital Cultures Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr C Chesher **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Digital Cultures at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in Digital Cultures.

#### **ARIN2807** **Digital Cultures Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr C Chesher **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Digital Cultures at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in Digital Cultures.

#### **ARIN2808** **Digital Cultures Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr C Chesher **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Digital Cultures at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in Digital Cultures.

#### **ARIN3620** **Researching Digital Cultures**

**Credit points:** 6 **Teacher/Coordinator:** Dr C Chesher **Session:** Semester 2  
**Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 senior credit points **Prohibitions:** ARIN2000 **Assessment:** Paper/review (750 words); Research proposal and ethics form (3000 words); Journal (750 words)

How do people use new media technologies? To answer this question you need to know how to conduct research: a systematic investigation using carefully chosen and ethically sound methods. In this unit students prepare a research proposal to improve knowledge about the social implications of the latest developments in information technologies. They build their methodology by choosing a combination of methods: ethnography, interviews, surveys, online methods, discourse analysis, content analysis or case studies.

#### *Textbooks*

ARIN3620 Course Reader

Recommended reading:

Jensen, K. (2002) Handbook of Media and Communication Research. London and New York: Routledge.

#### **ARIN3640** **Computer Games and Simulation**

**Credit points:** 6 **Teacher/Coordinator:** Mr J Tonkin **Session:** Semester 1  
**Classes:** One 1 hour lecture and one 2 hour seminar per week **Prerequisites:** 18 junior credit points **Assessment:** One 1500 word review, one 1500 word exercise and one design project (equiv 1500 words)

From first person shooters to massively multiplayer environments, computer games are rapidly emerging as distinctive cultural forms. The screen languages of interaction and simulation are diverging from and complicating cinematic and televisual conventions. Simulation and visualisation technologies and techniques have developed across many fields. This unit of study introduces students to key concepts and methodologies in computer games and simulation. It combines critical and historical readings in games studies, new media theory and interaction design with hands-on exercises.

#### *Textbooks*

Readings will be supplied online

Recommended reading:

Salen, K. and Zimmerman, E. (2003) Rules of Play, Game Design Fundamentals. Cambridge, MA: MIT Press.

Salen, K. and Zimmerman, E. (2006) Rules of Play, The Game Design Reader : a rules of play anthology. Cambridge, MA: MIT Press.

#### **ARIN3650** **Digital Cultures Project 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr K Cleland **Session:** Semester 1  
**Classes:** One 2 hour seminar and one 1 hour consultation with supervisor per week **Prerequisites:** ISYS3403 (ISYS3113), ISYS3400 (ISYS3207) and ARIN3620 (ARIN2000) **Prohibitions:** ARIN3500, ARIN3600 **Assessment:** One 1000 word article, one 1500 report and one 3000 word project proposal

In this unit, students work in groups to research and develop a detailed proposal for a Digital Cultures project. They identify an actual client and prepare the scope and design for the project. This gives BA (Digital Technology and Culture) students the opportunity to apply, extend and inter-relate skills and knowledge gained from their Information Systems major, Arts major, and Digital Technology and Culture units. The proposal forms the basis of the ARIN3660 project.

#### *Textbooks*

No set texts

#### **ARIN3660** **Digital Cultures Project 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr C Chesher **Session:** Semester 2  
**Classes:** One 2 hour seminar per week **Prerequisites:** ISYS3403 (ISYS3113), ISYS3400 (ISYS3207), ARIN3620 (ARIN2000) and ARIN3650 **Prohibitions:** ARIN3500, ARIN3600 **Assessment:** Project presentation (1000 words); Project prototype and documentation (2500 word equiv.); Project report (1000 words); participation.

In this unit of study students develop a prototype of the Digital Cultures project that they proposed in ARIN3650. Through this project they will demonstrate strategies, skills and knowledge from their studies in Information systems, the Arts, including units in the Digital Technology and Culture Program.

#### *Textbooks*

Rosenfeld, L. and Morville, P. (2006) Information architecture for the World Wide Web. Beijing; Cambridge, MA: O'Reilly.

ARIN3660 Course Reader

**ARIN3670****Digital Cultures Internship**

**Credit points:** 6 **Teacher/Coordinator:** Dr K Cleland **Session:** Semester 1, Semester 2 **Prerequisites:** ARIN1000 and either ISYS1003 or INFO1000 or INFO1003; 36 senior credit points of ARIN and ISYS/INFO **Corequisites:** ARIN3680 **Prohibitions:** Enrolment is subject to approval by the Director of the BA (Digital Technology and Culture) program and locating an appropriate match between student and organisation. **Assessment:** Students must satisfy the requirements of an internship contract with their workplace, including attendance and performance, as evaluated through a workplace supervisor report. Students will also be required to keep an online journal during the duration of the internship. The internship and journal are assessed on a satisfactory/unsatisfactory basis.

*Note: Department permission required for enrolment. Note: Students will usually not enrol in ARIN3670 until the second semester of their 3rd year.*

The internship consists of a work placement comprising a minimum of 20 working days in an appropriate organisation, assisted and supervised by both the workplace and staff from the Digital Technology and Culture Program. Placements may include arts and cultural organisations and information and communication technology organisations. Students will be required to keep an online journal documenting and analysing their experiences during the internship. In consultation with their supervisor, students will formulate a topic for their research essay for the co-requisite unit ARIN3680 Digital Cultures Internship Project.

**ARIN3680****Digital Cultures Internship Project**

**Credit points:** 6 **Teacher/Coordinator:** Dr K Cleland **Session:** Semester 1, Semester 2 **Classes:** One 2 hour seminar per week **Prerequisites:** ARIN1000 and either ISYS1003 or INFO1000 or INFO1003; 36 senior credit points of ARIN and ISYS/INFO **Corequisites:** ARIN3670 **Assessment:** One 1000 word annotated bibliography and one 3500 word research essay

The Digital Cultures Internship Project follows on from the ARIN3670 Digital Cultures Internship where students are placed within an appropriate workplace. The major assessment for this unit of study is a research essay where students critically reflect on these experiences.

**ARIN4011****Digital Cultures Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr K Cleland **Session:** Semester 1, Semester 2 **Classes:** One 2 hour seminar per semester-long unit per week **Prerequisites:** Completion of 48 senior credit points in the Digital Cultures Program comprising ARIN and cross-listed units of study. For 2008, the ARIN units must include ARIN2600 Technocultures and ARIN3620 Researching Digital Cultures. An average of credit or above must be achieved for the 48 credit points. **Assessment:** Thesis (15,000 words); 2 x Essay (9000 words equivalent each)

*Note: Department permission required for enrolment.*

The Honours program in Digital Cultures consists of:  
a thesis written under the supervision of one or more members of academic staff

two seminars that meet weekly for two hours for one semester.

The thesis should be of 15,000 words in length. Each seminar requires 9,000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.

The following seminars are on offer in 2010:

Digital Research and Publishing (Dr Chris Chesher)

Internet Cultures and Governance (Mr Amit Kelkar)

Network Society (Mr Jeffrey Cook)

Computers as Culture (Dr Kathy Cleland)

Remixable Media (Ms Michela Ledwidge)

For more information, contact Dr Kathy Cleland, Honours coordinator.

**ARIN4012****Digital Cultures Honours B**

**Credit points:** 12 **Teacher/Coordinator:** Ms K Cleland **Session:** Semester 1, Semester 2 **Corequisites:** ARIN4011

See ARIN4011

**ARIN4013****Digital Cultures Honours C**

**Credit points:** 12 **Teacher/Coordinator:** Ms K Cleland **Session:** Semester 1, Semester 2 **Corequisites:** ARIN4012

See ARIN4011

**ARIN4014****Digital Cultures Honours D**

**Credit points:** 12 **Teacher/Coordinator:** Dr K Cleland **Session:** Semester 1, Semester 2 **Corequisites:** ARIN4013

See ARIN4011

**English****ENGL1002****Narratives of Romance and Adventure**

**Credit points:** 6 **Teacher/Coordinator:** Dr L Warner **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Assessment:** One 1500 word essay, end of semester exam (1500 words), assignment (1000 words), one debate performance, and tutorial participation

This unit explores the art of narrative from Greek and Roman antiquity to the present. What makes Homer's *Odyssey* and Ovid's *Metamorphoses* defining texts for the history of narrative? Why are the early masters of English narrative so compelling? How does a film like *O Brother, Where Art Thou?* fit in? Issues of particular relevance include the nature of epic, myth and satire; the unfolding of adventure and gender relations; the history of Britain; and the nature of humankind.

*Textbooks*

Homer, *The Odyssey*; Malory, *Le Morte Darthur* (seventh and eighth tales); Shakespeare, *The Tempest*; Swift, *Gulliver's Travels*; Coen brothers (film), *O Brother, Where Art Thou?*; Unit Resource Book, including: Ovid, *Metamorphoses*, extracts; Weland; Chaucer, *Wife of Bath's Tale*; Marlowe, *Hero and Leander*; Narrative theory readings

**ENGL1007****Language, Texts and Time**

**Credit points:** 6 **Teacher/Coordinator:** Dr N Riemer **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Assessment:** Two 500 word assignments, one 2000 word essay and one 1.5 hour exam

This course equips students with some general tools for the close analysis of literary language. Grammatical concepts will be introduced and applied to the description of prose, poetry and drama, and students will explore the changing relations between form and meaning in English from the earliest times up to the present. A number of key strands in contemporary language study will also be presented, including semiotic theory, rhetoric and discourse studies and theorizations of the relationship between texts and subjectivity.

*Textbooks*

Collins, Peter & Carmella Hollo: *English Grammar, An Introduction* (Palgrave, 2000) A course reader will be available from the University Copy Centre.

**ENGL1008****Australian Texts: International Contexts**

**Credit points:** 6 **Teacher/Coordinator:** Dr B Brennan **Session:** Semester 1 **Classes:** Two 1hour lectures and one 1hour tutorial per week **Assessment:** 1000 word tutorial task (20%); 1500 word essay (40%); 1.5 hour exam (40%)

This unit explores how Australian authors write in, to and about the wider world. It will open up a range of questions: how international influences work in Australian writing; how Australian texts rewrite authoritative texts of other cultures; how Australian texts imagine other places; how careers, reputations, publication and reception take place within and beyond the nation. In addressing these questions, the unit will focus on issues of authority, identity, representation, translation, borders and authenticity.

*Textbooks*

Brian Castro, *After China*  
Gail Jones, *Dreams of Speaking*  
Dorothy Porter, *Akhenaten*  
John Romeril, *The Floating World*  
Patrick White, *The Twyborn Affair*



Resource book containing poems, short stories and excerpts from larger texts required for study.

### ENGL1025

#### Fiction, Film and Power

**Credit points:** 6 **Teacher/Coordinator:** Dr S Gleeson-White **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Assessment:** One tutorial presentation, one 1000 word essay and one 1500 word essay and a 1 1/2 hour exam.

A fundamental feature of the modern world is the predominance of media and communication technologies over older, and increasingly anachronistic, "book" cultures. This course looks at the consequences of such a shift for our sense of identity and place by focusing on translations from text to film. A principal theme will be the relations between narrative form and visual experience, with an eye always on the social contexts in which images become a form and source of power. The course will also serve as an introduction to the critical vocabulary used to understand late modern society.

#### Textbooks

Raymond Chandler, *The Big Sleep*  
Nathanael West, *The Day of the Locust*  
Patricia Highsmith, *The Talented Mr. Ripley*  
Peter Carey, *Bliss*

### ENGL1801

#### English Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point junior unit of study in English at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Student Advisor.

### ENGL1802

#### English Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point junior unit of study in English at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Student Advisor.

### ENGL2603

#### American Literature: Imagining America

**Credit points:** 6 **Teacher/Coordinator:** Dr D Kelly **Session:** Semester 1 **Classes:** one 1hr lecture and one 1hr tutorial **Prerequisites:** 12 Junior credit points of English **Prohibitions:** ENGL2003 **Assessment:** One 2000 word essay, one 2 hr exam and one in-class presentation or equivalent (6000 words in total)

This course takes as its point of departure the notion of America as fashioned by diverse and even conflicting acts of imagination. Beginning in the mid-19th century and working our way to the mid-20th and beyond, we will examine the various ways in which major writers both constructed and challenged the 'imagined community' of their nation.

#### Textbooks

Poe: selected poems and stories  
Whitman: 'When lilacs last in the dooryard bloomed'; 'Crossing Brooklyn Ferry'  
Twain *Huckleberry Finn*  
Fitzgerald: *The Great Gatsby*  
Faulkner *Absalom, Absalom!*  
Ginsberg: *Howl*  
Dylan: selected songs  
Eastwood: *Unforgiven* (film)  
Scorsese *Gangs of New York* (film)

### ENGL2607

#### Drama: Classical to Renaissance

**Credit points:** 6 **Teacher/Coordinator:** Dr H Griffiths **Session:** Semester 1 **Classes:** Two 1 hr lectures and one 1hour tutorial **Prerequisites:** 12 Junior

credit points of English **Prohibitions:** ENGL2007 **Assessment:** Participation (10%) 1,500 word essay (30%) Take Home Test (60%)

This unit begins with a survey of the beginnings of western theatre in the Classical era (texts include Greek and Roman tragedy and comedy). The various traditions of medieval theatre - farce, mystery play, morality play - may then be examined, to illuminate the rich inheritance utilised by English Renaissance drama. Plays by Shakespeare and his contemporaries conclude the unit. Lectures will include the physical and social conditions of theatre; performance; and film and other modern versions of selected texts.

#### Textbooks

Renaissance Drama: *An Anthology of Plays and Entertainments*, (Second Edition) Ed. AF. Kinney.  
Aeschylus. *The Oresteia*. Tr. David Grene and Wendy Doniger O'Flaherty.  
Sophocles, *Sophocles I* (Second Edition: *Oedipus the King*, *Oedipus at Colonus*, *Antigone*)

### ENGL2611

#### Jane Austen and Her Contemporaries

**Credit points:** 6 **Teacher/Coordinator:** Dr N Parsons **Session:** Semester 1, Summer Main **Classes:** Two 1 hour lectures and one 1 hour tutorial **Prerequisites:** 12 Junior credit points of English **Prohibitions:** ENGL2011 **Assessment:** One 1,000 annotated bibliography (15%), One 2,000 word essay (40%), One 1,500 take home exam (35%), Preparation for, and participation in, tutorial discussion across the semester (10%)

This unit studies the formative influences on Austen as a novelist by tracking some of her reading in eighteenth century poetry, novels, prescriptive literature, and drama. We look at her development as a writer, paying particular attention to the historical moment of her emergence into print. Topics to be covered include: the history of the novel; women writers, Austen's relationship to the fashionable genres of gothic and sentimental fiction; late eighteenth century debates about slavery; class, gender, and generational conflict.

#### Textbooks

Texts include:  
Fanny Burney, *Evelina*, Norton Critical Edition  
Jane Austen, *Sense and Sensibility*, Norton Critical Edition  
Jane Austen, *Persuasion*, Norton Critical Edition  
Jane Austen, *Pride and Prejudice*, Norton Critical Edition  
A resource book available from the University Copy Centre

### ENGL2619

#### Semiotics of Language

**Credit points:** 6 **Teacher/Coordinator:** Dr N Riemer **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial **Prerequisites:** 12 Junior credit points of English **Prohibitions:** ENGL2019, SMTTC2001, SMTTC2002 **Assessment:** One 2500 word essay, one 2 hr exam, tutorial participation.

How have the relations between the world, language and subjectivity been conceived in semiotic theories? In what ways have thinkers like Saussure, Peirce and Bakhtin analysed the meaningfulness of semiotic systems like language? In this unit we will examine different theories of the sign and the nature of semiotic processes through a consideration of some fundamental themes in semiotic research: the nature of meaningfulness; language as system, communication and action; and signification and the problem of representation.

#### Textbooks

Saussure, *Course in General Linguistics*.  
A Resource book will be available from the University Copy Centre.

### ENGL2635

#### Contemporary American Literature

**Credit points:** 6 **Teacher/Coordinator:** Dr M Hardie **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of English **Prohibitions:** ENGL2035 **Assessment:** One 15 minute presentation and tutorial mark (20%), one 1500 word essay (30%) and one 2 hour exam (50%)

Looking at cinematic, written, and hypermedia texts of the last decade, this unit asks these questions: how were "dark places" and pathologies imagined and equilibrated in popular and literary imaginaries? In an era of bust and boom, and in the "wake" of postmodernism, how do texts track their own fortunes and investments? What happens to the

written text in the age of hypermedia? In short, this unit of study asks students to speculate: Whose stocks are up? Whose down?

#### Textbooks

DeLillo Falling Man  
 Franzen The Corrections  
 Le Blanc, Random Family  
 Sontag Regarding the Pain of Others  
 Synecdoche NY (dir. Kaufman)  
 The Wire (David Simon)

A course reader will be available from the University Copy Centre

### ENGL2648

#### Literature of Travel and Discovery

**Credit points:** 6 **Teacher/Coordinator:** Dr V Smith **Session:** Semester 2  
**Classes:** Two 1hr lectures and one 1hr tutorial per week. **Prerequisites:** 12 Junior credit points of English **Prohibitions:** ENGL2048 **Assessment:** One 3000 word written assignment and one 1.5 hour examination

This unit explores a range of texts, from the Ancient world to the twentieth century, encompassing real and imaginary voyages. The focus will shift from the classic voyages of the western imaginary to works focused on the Pacific region and Australia, as we consider the ways in which generic themes and literary structures find articulation in particular contexts. Students will sample a broad spectrum of narrative modes, complemented by visual resources including maps, illustrations, colonial photographs and film.

#### Textbooks

Homer: The Odyssey  
 Swift: Gulliver's Travels  
 Montagu: Letters  
 Lamb, Thomas and Smith (eds) Exploration and Exchange: A South Seas Anthology  
 Theroux, Happy Isles of Oceania  
 Davidson, Tracks  
 Additional material may be included in a Course Reader

### ENGL2650

#### Reading Poetry

**Credit points:** 6 **Teacher/Coordinator:** Dr B Spurr **Session:** Semester 1  
**Classes:** Two 1hr lectures and one 1hr tutorial per week **Prerequisites:** 12 Junior credit points of English **Prohibitions:** ENGL2050 **Assessment:** One 2500 word essay; one 2 hour examination.

A different range of poetry will be offered each year concentrating on an historical period, an individual poet, and a close study of a poetic form. Readings of individual poems will involve both intensive study of technical and linguistic characteristics, as well as of the broader historical, social, ideological and personal contexts and issues which they reflect. As well, there will be discussion of on-going literary-critical debate about poetry and its function.

#### Textbooks

The Norton Anthology of Poetry, 5th edn  
 A Resource Book, obtainable at the University Copy Centre, for other materials.

### ENGL2651

#### Transatlantic Negotiations

**Credit points:** 6 **Teacher/Coordinator:** Dr P Marks **Session:** Semester 2  
**Classes:** One 2 hour lecture and one 1 hour tutorial **Prerequisites:** 12 junior credit points of English **Assessment:** Assignment-1,000 words, Essay-2,000 words, Exam- 1,500 words

This unit uses literary and film texts as maps with which to explore the cultural negotiations between Europe (especially Britain) and the United States over several centuries. You will consider the changing geopolitical order of things over that time, examining how literature and film reflected and contributed to transnational relationships that were both combative and collaborative. The unit employs comparative theories and practices in critically assessing international cultural intersections through topics such as Europe's cultural dominance, the decline of the British Empire and the contested rise of the political and cultural power of the United States.

#### Textbooks

Wyndham Lewis, Tarr  
 Gertrude Stein, The Geographical History of America  
 Jean Rhys, Good Morning, Midnight  
 Christopher Isherwood, Goodbye to Berlin  
 Evelyn Waugh, Scoop

A Resource Book, including a selection of poetry, will be provided  
 Films (These need not be purchased)  
 Citizen Kane(dir Orson Welles)  
 Duck Soup (dir Leo McCarey)  
 The 39 Steps (dir Alfred Hitchcock)

### ENGL2655

#### Modern British Literature

**Credit points:** 6 **Teacher/Coordinator:** Dr P Marks **Session:** Semester 1  
**Classes:** Two 1 hr lecture per week, one 1hr tutorial per week **Prerequisites:** 12 Junior credit points of English **Assessment:** 2000 word essay, 1500 assignment and in-class presentation written up

This unit explores some of the most exciting cultural texts produced in post-WWII Britain. Ranging over fiction, drama, poetry and film, the unit investigates how such texts reflect and contributed to the massive cultural and political changes that have transformed Britain in the period. Topics considered will include realism and experimentation, changing national identity, the rise of youth culture, Americanisation, questions of class and gender, regions versus the metropolis, the collapse of empire and the promise of emerging talent.

### ENGL2656

#### From the Metaphysicals to Milton

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof B Spurr **Session:** Semester 2  
**Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of English excluding ENGL1000 **Assessment:** One 2500 word essay and one 2 hour exam

The English Renaissance of the sixteenth and seventeenth centuries presents an extraordinary variety of literary themes and styles, from love lyrics to the most profound religious meditations, from the brief utterances of songs and sonnets to the epic scope of Paradise Lost, from personal revelation to urgent political and social commentary.

This unit of study offers a survey of the period, in historical, cultural and aesthetic terms, and focuses closely on the poetry of Spenser, Donne, Herbert, Milton and Marvell.

#### Textbooks

The Norton Anthology of Poetry, 5th edn  
 John Milton (Oxford Authors)

### ENGL2657

#### Myths, Legends and Heroes

**Credit points:** 6 **Teacher/Coordinator:** Dr D Anlezark **Session:** Semester 2  
**Classes:** One 1hour lecture and one 1hour tutorial per week. **Prerequisites:** 12 Junior credit points of English **Assessment:** Essay (2500 words), Exam 2 hours (2000 words), Tutorial exercise (1500 words)

Students will study (in modern English translation) the literature of two closely related peoples of the Early Middle Ages -- the Anglo-Saxons and the Scandinavians (some of whom became Vikings). Lectures and tutorials will cover the literature, history, religion and language of these nations, focusing on representations of the heroic ideal, as this is embodied in mythic, legendary and historical writing. Texts to be studied include Beowulf, The Wanderer, The Dream of the Rood, and selections from the Edda.

#### Textbooks

Beowulf (trans. R. Liuzza)  
 Course Reader

### ENGL2661

#### Imagining Camelot

**Credit points:** 6 **Teacher/Coordinator:** Dr D Anlezark **Session:** Semester 1  
**Classes:** One 1 hour lecture and 1 hour tutorial **Prerequisites:** 12 Junior credit points of English **Prohibitions:** ENGL2601 **Assessment:** Class Participation 500 words, Essay 1000 words, Essay 2500 words and 2 hour Exam

The legend of Camelot and King Arthur emerged from the so-called 'Dark Ages', and grew through imaginative story-telling to become one of the most enduring narratives of western literature. In this unit students will study a range of texts which develop the fantastic world of Camelot, from medieval texts in translation to recent film. The unit will consider the legend's transformation across the tradition, from its origins in the Middle Ages, to Tolkien and John F. Kennedy's White House.

#### Textbooks

Marion Zimmer Bradley, *Mists of Avalon*  
 Jerry Zucker (dir.), *First Knight* (1995)  
 A Resource book will be available from the University Copy Centre

### ENGL2811 English Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in English at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Student Advisor in the Department of English.

### ENGL2812 English Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in English at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Student Advisor in the Department of English.

### ENGL2813 English Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in English at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Student Advisor in the Department of English.

### ENGL2814 English Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in English at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Student Advisor in the Department of English.

### ENGL2815 English Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in English at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Student Advisor in the Department of English.

### ENGL2816 English Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point Senior unit of study in English at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Student Advisor in the Department of English.

### ENGL2817 English Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point Senior unit of study in English at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Student Advisor in the Department of English.

### ENGL2818 English Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point Senior unit of study in English at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Student Advisor in the Department of English.

### ENGL3603 Contemporary British Literature

**Credit points:** 6 **Teacher/Coordinator:** Dr P Marks **Session:** Semester 2  
**Classes:** One 2 hour seminar per week **Prerequisites:** Credit or above in 12 senior credit points of English **Assessment:** One 4000 word essay, annotated bibliography (1500 word equivalent), one in-class oral presentation written up as a 500 word report

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit examines literary texts produced in Britain in the past two decades, exploring their relationship to significant social and political changes occurring in Britain over that period. We will investigate a variety of literary, social, and cultural issues, each of which have contributed to contemporary British culture.

### ENGL3605 Canonical Poetry

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof B Spurr **Session:** Semester 2  
**Classes:** One 2hour seminar per week **Prerequisites:** Credit or above in 12 senior credit points of English **Assessment:** One 3000 word essay, one 1000 word class discussion paper and one 2 hour exam.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit examines the concept of canonicity, with regard to poetry in English, from the Renaissance to the present. Issues to be addressed include: What does 'canonical' mean? How and why have certain poems (and poets) come to be (and ceased to be) 'canonical'? What qualities of theme and technique determine canonicity and by whom are they determined? How (if at all) has the potential for canonicity influenced the composition of poetry?

*Textbooks*

The Norton Anthology of Poetry, fifth edn.

### ENGL3611 Issues in the Semiotics of Language

**Credit points:** 6 **Teacher/Coordinator:** Dr N Riemer **Session:** Semester 2  
**Classes:** One 2 hour seminar per week **Prerequisites:** Credit or above in 12 senior credit points of English **Prohibitions:** ENGL3915 **Assessment:** One two thousand word and one four thousand word essay.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit examines some key historical and theoretical topics in the semiotics of language. We begin with an investigation into the structuralist legacy, concentrating on exegetical and theoretical questions raised by Saussurean "valeur" and "difference". We then discuss analyses of lexical polysemy and alternatives to the Saussurean paradigm provided in the Humboldtian and Soviet traditions and in Relevance Theory. The course ends by assessing the desirability and difficulties of accommodating emotion in theories of linguistic signification.

*Textbooks*

V.V. Voloshinov, *Marxism and the Philosophy of Language*. (New York: Seminar Press, 1973). A course reader will be available from the University Copy Centre.

**ENGL3615****The Rhetoric of the Streets**

**Credit points:** 6 **Teacher/Coordinator:** Dr R Johnke **Session:** Semester 1  
**Classes:** One 2-hour seminar per week (plus occasional film screenings)  
**Prerequisites:** Credit or above in 12 senior credit points of English  
**Assessment:** One 2-hour seminar per week (plus occasional film screenings)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit will map the performative journeys of the drivers, passengers, and pedestrians who patrol our streets, pages, and screens. Flaneurs, fetishists, poets, petty criminals, predators, and despairing shift-workers will all jostle for space. Students will reconfigure the streets as rhetorical spaces and consider how authors, artists and filmmakers use urban streetscapes as sites to construct representations of class, gender, race, sanity and sexuality. Students will be challenged to reconsider concepts of authorship and to interrogate different kinds of texts.

**Textbooks**

Lilian's Story, Kate Grenville  
 Loaded, Christos Tsiolkas

A course reader will be available from the University Copy Centre

**ENGL3633****Introduction to Old English**

**Credit points:** 6 **Teacher/Coordinator:** Dr D Anlezark **Session:** Semester 1  
**Classes:** One 2hour seminar per week. **Prerequisites:** Credit or above in 12 senior credit points of English **Prohibitions:** Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult co-ordinator.  
**Assessment:** Class exercises, one 3000 word essay and one 2 hour examination.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Old English was the language of England from the fifth century until the twelfth. This earliest phase of the English literary tradition evolved against a background of cultural encounters: as the Anglo-Saxons encountered the culture of Rome, as they adopted and adapted the Christian religion, and as they reflected on their origins on the European continent. This unit introduces students to the language spoken and written by the Anglo-Saxons, and presents the opportunity to translate and read Old English texts.

**Textbooks**

A Guide to Old English (Mitchell and Robinson, 7th edition)

**ENGL3634****Continuing Old English**

**Credit points:** 6 **Teacher/Coordinator:** Dr D Anlezark **Session:** Semester 2  
**Classes:** One 2hour seminar per week. **Prerequisites:** ENGL3633  
**Prohibitions:** Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult co-ordinator **Assessment:** Class exercises, one 3000 word essay and one 2hour examination.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

The literature of the Anglo-Saxons offers an insight into a range of understandings of the place of human beings in the world and its history. This course will build on students' elementary knowledge of the Old English language, and offer students the opportunity to translate and read a range of texts including historical prose, love poetry and religious texts. These texts will be studied in a range of contexts, from the cultural and historical to their manuscript setting.

**Textbooks**

A Guide to Old English (Mitchell and Robinson, 7th edition)

**ENGL3635****Introduction to Old Norse**

**Credit points:** 6 **Teacher/Coordinator:** Prof G Barnes **Session:** Semester 1  
**Classes:** One 2 hour seminar per week. **Prerequisites:** Credit or above in 12 senior credit points of English **Prohibitions:** Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult co-ordinator.  
**Assessment:** Class exercises, one 3000 word essay and one 2hour examination.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Old Norse is the name given to the language of medieval Scandinavia, and was the language of the Viking invaders of Britain in the early Middle Ages. Old Norse literature presents a rich variety, from mythological and legendary poetry to Icelandic sagas. This unit introduces students to the language spoken and written in medieval Scandinavia, and offers the opportunity to translate and read Old Norse texts.

**Textbooks**

A New Introduction to Old Norse (Faulkes)

**ENGL3636****Continuing Old Norse**

**Credit points:** 6 **Teacher/Coordinator:** Prof G Barnes **Session:** Semester 2  
**Classes:** One 2hour seminar per week. **Prerequisites:** ENGL3635  
**Prohibitions:** Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult co-ordinator **Assessment:** Class exercises, one 3000 word essay and one 2hour examination

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Old Norse is the name given to the language of medieval Scandinavia, and was the language of the Viking invaders of Britain in the early Middle Ages. Old Norse literature presents a rich variety, from mythological and legendary poetry to Icelandic sagas. This unit offers students the opportunity of developing their knowledge of the Old Norse language and its cultural contexts, and to translate and read Old Norse prose and poetic texts.

**Textbooks**

A New Introduction to Old Norse (Faulkes)

**ENGL3642****Studies in Medieval Literatures**

**Credit points:** 6 **Teacher/Coordinator:** Dr D Anlezark **Session:** Semester 1  
**Classes:** One 2 hour seminar per week **Prerequisites:** Credit or above in 12 senior credit points of English **Assessment:** Written work totalling 6000 words

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit is devoted to linguistic, literary, critical and cultural studies of Medieval English and other literatures from 1066 to 1550. The particular topic will be closely related to the research and scholarly interest of the teacher offering the unit. In 2010 the topic will be "Dreams and Visions". This unit will study the literature of dreams and visions of the Middle Ages and the Early Modern period against a range of literary and social backgrounds. The unit will begin with a survey of the classical and biblical background to works which may be defined as dreams or visions, as well as examining the relationship between the two genres and their transformations from the Middle Ages into the Renaissance.

**Textbooks**

The Dream of the Rood  
 Langland's, The Vision of Piers Plowman  
 Julian of Norwich's, Revelations of Divine Love  
 Shakespeare's, A Midsummer Night's Dream

**ENGL3653****Political Speech in Early Modern Drama**

**Credit points:** 6 **Teacher/Coordinator:** Dr H Griffiths **Session:** Semester 1  
**Classes:** One 2 hour seminar per week **Prerequisites:** Credit or above in 18 senior credit points of English **Assessment:** Entry for online glossary - 500 words, scene analysis - 1,500 words, Essay proposal - 500 words, Essay - 3,500 words

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

The drama of Shakespeare and his contemporaries was part of an early modern revival of interest in rhetoric as a powerful political tool. This unit focuses on early modern plays (Shakespeare's in particular) where the success or failure of different forms of rhetoric are important features. Who is allowed to speak? Who listens? and what is considered dangerous about the ability to persuade? This unit will appeal to students interested in rhetoric and politics, as well as Shakespeare.

**ENGL3654****Libertine Literature: Sex and Liberty**

**Credit points:** 6 **Teacher/Coordinator:** Dr N Parsons **Session:** Semester 1  
**Classes:** One 2 hour seminar per week **Prerequisites:** Credit or above in 18 senior credit points of English **Assessment:** Oral presentation, 1 x research proposal - 1,000 words, 1 x peer review of another student's research proposal - 1,000 words, 1x Essay - 4,000 words

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit of study examines libertinism as a social and literary foundation in the years following the restoration of Charles II (1660-1685). Through an examination of the fictional and non-fictional texts, we will be investigating libertinism from two perspectives: as a set of unruly social and sexual practices, and as a philosophical movement. In addition, we will consider what it means to perform private acts (such as sex, sedition and sacrilege) in the public sphere.

**ENGL3655****The Literary in Theory**

**Credit points:** 6 **Teacher/Coordinator:** Dr M Hardie **Session:** Semester 2  
**Classes:** One 2 hour seminar per week **Prerequisites:** Credit or above in 18 senior credit points of English **Assessment:** Seminar presentation of research proposal - 2000 words, Research Essay - 4,000 words.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit will introduce students to significant movements in modern and contemporary literary theory to think about what it means to speak of the literary. The unit of study begins by examining the question of "literariness" through its exposition and defence by number of scholars. We will pursue the applications of their arguments through selection of theoretical models, including queer and gender theory, psychoanalysis, and race theory, to consider the cultural and ideological work imaginative literature undertakes.

**ENGL3656****Rethinking the Thirties**

**Credit points:** 6 **Teacher/Coordinator:** Dr S Gleeson-White **Session:** Semester 1  
**Classes:** One 2 hour seminar per week **Prerequisites:** Credit or above in 18 senior credit points of English **Assessment:** One 1000 word annotated bibliography, One 5000 word essay.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Many British and US writers responded to the trauma of the Great Depression with works of documentary realism and naturalism. However, the 1930s was also the Golden Age of Hollywood and an era of literary experimentalism. In this Advanced unit, we analyse both visual and literary texts to compare the way in which writers and filmmakers responded to the crisis, consider the relationship between politics and aesthetics, and challenge conceptions of the decade's creative output as exclusively and overtly political.

**ENGL3657****The Brontes**

**Credit points:** 6 **Teacher/Coordinator:** Dr. V Smith **Session:** Semester 2  
**Classes:** Two 1hr lectures and one 1hr tutorial per week **Prerequisites:** Credit or above in 18 senior credit points of English **Assessment:** Assignment-2,000 words, Essay Proposal-500 words, Essay-3,500 words

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

The novels of the Bronte Sisters are among the most enduringly popular Victorian texts, yet they have an ambiguous critical status. The perception that the Brontes are labile and cloistered writers, best interpreted psychoanalytically, raises questions about the relationship between biography and literature, and the ways in which notions of social and historical relevance play into judgments about literary value. We will think about canonical and popular literary status, biography and authorship, gender and writing, and Victorian society.

**ENGL4101****English Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr H Griffiths **Session:** Semester 1, Semester 2 **Classes:** Four 2 hour seminars (2 in each semester) meeting

once a week **Prerequisites:** For 2010 Students : Credit average in 48 senior English credit points (8 units of study), including the two special entry units ENGL3962 and ENGL3964, and two advanced units on topics other than twentieth-century literature and film (that is, any except ENGL3601, ENGL3603, ENGL3604). Students wishing to commence their honours year in 2011 should consult Section 4 of this handbook for new prerequisites that will apply from that year onwards. **Assessment:** A thesis of 15,000 words and 24,000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in English consists of:

a thesis written under the supervision of one or more members of academic staff

two seminars that meet weekly for two hours in semester one and two seminars that meet weekly for two hours in semester two, i.e. a total of four seminars during the year.

The thesis should be 15,000 words in length. Each seminar requires 6,000 words of written work or its equivalent. One of the March semester seminars is assessed, in part, through participation in the English department's honours conference.

The thesis is worth 40% of the final Honours mark and each of the four seminars is worth 15% (60% in total).

Seminars will be offered from the following list in 2010:

Medieval Languages 1: Old English (Dr Daniel Anlezark)

Medieval Languages 2: Old English (Dr Daniel Anlezark)

Sir Gawain and the Green Knight (Dr Lawrence Warner)

Language and Subject (Dr Nick Riemer)

History in English: Lyric, Epic, and Dramatic (Dr Bruce Gardiner)

Milton (Associate Professor Barry Spurr)

Early/Modern (Dr Kate Lilley)

Sentiment and Sensation (Dr Vanessa Smith)

Waterloo to Peterloo (Associate Professor William Christie)

American Gothic (Dr Melissa Hardie)

Reading Whiteness: Contemporary Literature and Film (Dr Victoria Burrows)

Movements in Modern and Contemporary Drama: Theory and Practice (Dr Mark Byron)

Australian Poetry and the Symbolistes (Associate Professor David Brooks)

Undisciplined Histories (Professor Robert Dixon)

Australian Classics (Professor Robert Dixon)

Reading Suburbia (Dr Brigid Rooney)

For more information, contact Dr Huw Griffiths, Honours coordinator.

**ENGL4102****English Honours B**

**Credit points:** 12 **Teacher/Coordinator:** Dr H Griffiths **Session:** Semester 1, Semester 2 **Corequisites:** ENGL4101

See ENGL4101

**ENGL4103****English Honours C**

**Credit points:** 12 **Teacher/Coordinator:** Dr H Griffiths **Session:** Semester 1, Semester 2 **Corequisites:** ENGL4102

See ENGL4101

**ENGL4104****English Honours D**

**Credit points:** 12 **Teacher/Coordinator:** Dr H Griffiths **Session:** Semester 1, Semester 2 **Corequisites:** ENGL4103

See ENGL4101

**ASLT2609****Australian Literature 1988 to Present**

**Credit points:** 6 **Teacher/Coordinator:** A/Prof David Brooks **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points **Prohibitions:** ASLT2009 **Assessment:**

## 5. Arts units of study

One 1500 word essay (mid-semester 30%), and one 3000 word take-home exam (end of semester 70%)

This unit will introduce students to some major Australian texts and writers of the last two decades. While its main focus will be on fiction, poetry and non-fiction, there will also be an emphasis on texts which aim to subvert or question such generic boundaries. Other issues to be discussed will include the rewriting of Australian history from postcolonial and Indigenous perspectives; the representation of gender and sexuality in recent Australian writing; cross-cultural writing and literature in translation.

### Textbooks

Astley, T. *Drylands* (Viking)  
Bail, M. *Eucalyptus* (Text)  
Porter, D. *The Monkey's Mask* (Hyland House)  
Other texts, especially those by contemporary poets, will be set according to what is in print at the time the unit is to be taught, or made available in a Resources book.

### ASLT2616

#### Australian Stage and Screen

**Credit points:** 6 **Teacher/Coordinator:** Dr P Kirkpatrick **Session:** Semester 1, Summer Early **Classes:** Two 1hr lectures and one 1 hr tutorial/week **Prerequisites:** 18 Junior credits points **Prohibitions:** ASLT2006, ASLT2016 **Assessment:** One 2000 word essay, one oral presentation, 5-10 minutes, with 500 word written summary, and one 2000 word take-home examination

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

A study of the development of Australian drama and film from 1788 to the present. It will examine selected plays and films within the context of: the history of theatrical and cinema performance; the influence of changing technologies and dramatic styles; cultural concerns with identity, gender and race. It will give special emphasis to the continuing links between stage and screen, in particular the ways in which plays have been adapted to film.

### Textbooks

Texts may include: plays by Bert Bailey, Louis Esson, Katharine Susannah Prichard, Patrick White, Ray Lawler, Jack Davis, David Williamson, Debra Oswald, Louis Nowra; and films by directors such as Raymond Longford, Ken G. Hall, Peter Weir, Ray Lawrence, Gillian Armstrong, Baz Luhrmann. A resource book will be available.

### ASLT2617

#### Writing and Justice

**Credit points:** 6 **Teacher/Coordinator:** Dr B Brennan **Session:** Semester 1 **Classes:** One 2 hr seminar/week **Prerequisites:** 18 Junior credit points **Assessment:** One mid-semester essay (2000 wds:30%); one end-semester essay (4000 wds:70%)

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit is designed to encourage students to consider some of the ways writers and filmmakers address issues of moral, legal and social justice. Beginning with consideration of Dostoyevsky's *Crime and Punishment* it goes on to explore how various forms of writing - essays, poetry, fiction, non-fiction - and film seek to intervene in current political and ethical discussions occurring at a national and international level.

### Textbooks

Dostoyevsky, F. *Crime and Punishment*. New Penguin Classics Edition  
Garner, H. *Joe Cinque's Consolation*. Picador  
Scott, R and T. Keneally, eds. *Another Country* (Southerly 64:1:2004). Halstead Press  
Brennan, B (ed) *Just Words?* UQP,2008  
Sallis, E. *The Marsh Birds* (A&U, 2004)  
Film:  
*Letters to Ali* (dir. Clara Law & Eddie Fong, 2004)  
Drama:  
*Jane Harrison Stolen*. Currency Press.  
A course reader will be provided with a selection of essays, poems, short fiction and excerpts from larger works.

### ASLT2618

#### Anatomy of the Literary Hoax

**Credit points:** 6 **Teacher/Coordinator:** A/Prof D.Brooks **Session:** Semester 1 **Classes:** two 1-hour lectures and one 1hr tutorial per week **Prerequisites:** 18 Junior credit points **Assessment:** One 1500 wd essay, one 3000wd take-home exam, tuorial presentation

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

In 1944 two Australian poets devised what has been called the twentieth century's greatest literary hoax. So many hoaxes have ensued in this country that they can be linked to the national psyche. This unit examines the history, theory and poetics of the literary hoax before exploring its key Australian manifestations, and questioning the relative weight of Australian and international factors (e.g. the postmodern interrogation of authenticity) in their generation.

### Textbooks

Principal texts:  
Helen Darville, *The Hand that signed the Paper*  
'Ern Malley'. *The Darkening Ecliptic*  
Resource Book will be available, containing selections and excerpts from Psalmanaazar, Swift, Chatterton, Macpherson, W.H.Ireland, Floupette, *The Spectra Poems*, and other Australian hoaxes.  
Recommended Reading  
R.K.K.Ruthven, *Faking Literature*  
David Brooks, *The Sons of Clovis*  
Michael Hayward, *The Ern Malley Affair*  
Ian Hayward, *Faking it: Art and the politics of forgery*  
Jost, Totaro et al. *The Demidenko File*  
Willaim Jay Smith, *The Spectra Hoax*

### ASLT2620

#### Writing Australian Nature

**Credit points:** 6 **Teacher/Coordinator:** Dr B Rooney **Session:** Semester 2 **Classes:** Two 1hour lectures and one 1hour tutorial per week. **Prerequisites:** 12 junior credit points **Assessment:** Oral presentation - 1000words, Portfolio -2000 words, Essay - 1500 words

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

How does Australian writing engage with Australian nature? What roles have writers (in tandem with artists, photographers and others) played in shaping consciousness of the environment - its wonders, complexities and layered human histories? This unit introduces relevant conceptual frames to examine Australian literary and cultural depictions of, and engagements with nature and the environment in a range of Indigenous and non- Indigenous texts. Can literature transform the way we think about and care for the world in which we live.

### ASLT4011

#### Australian Literature Honours A

**Credit points:** 12 **Teacher/Coordinator:** Professor Robert Dixon **Session:** Semester 1, Semester 2 **Classes:** Four 2 hour seminars (2 in each semester) meeting once a week **Prerequisites:** Credit average in 48 senior Australian Literature credit points (8 units of study), including the two special entry units ASLT3601 (or ASLT3901) and ASLT3602 (or ASLT3902). This may include up to 18 credit points of senior level English and/or Australian Studies. **Assessment:** A thesis of 15,000 words and 24,000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Australian Literature consists of:

a thesis written under the supervision of one or more members of academic staff

two seminars that meet weekly for two hours in semester one and two seminars that meet weekly for two hours in semester two, i.e. a total of four seminars during the year.

The thesis should be 15,000 words in length. Each seminar requires 6,000 words of written work or its equivalent. One of the March semester seminars is assessed, in part, through participation in the English department's honours conference.

The thesis is worth 40% of the final Honours mark and each of the four seminars is worth 15% (60% in total).

Seminars will be offered from the following list in 2010:

Australian Poetry and the Symbolistes (Associate Professor David Brooks)

Undisciplined Histories (Professor Robert Dixon)

Australian Classics (Professor Robert Dixon)

Reading Suburbia (Dr Brigid Rooney)

Medieval Languages 1: Old English (Dr Daniel Anlezark)

Medieval Languages 2: Old English (Dr Daniel Anlezark)  
 Sir Gawain and the Green Knight (Dr Lawrence Warner)  
 Language and Subject (Dr Nick Riemer)  
 History in English: Lyric, Epic, and Dramatic (Dr Bruce Gardiner)  
 Milton (Associate Professor Barry Spurr)  
 Early/Modern (Dr Kate Lilley)  
 Sentiment and Sensation (Dr Vanessa Smith)  
 Waterloo to Peterloo (Associate Professor William Christie)  
 American Gothic (Dr Melissa Hardie)  
 Reading Whiteness: Contemporary Literature and Film (Dr Victoria Burrows)  
 Movements in Modern and Contemporary Drama: Theory and Practice (Dr Mark Byron)  
 For more information, contact Professor Robert Dixon.

#### ASLT4012

##### Australian Literature Honours B

**Credit points:** 12 **Teacher/Coordinator:** Professor Robert Dixon **Session:** Semester 1, Semester 2 **Corequisites:** ASLT4011

Refer to ASLT4011

#### ASLT4013

##### Australian Literature Honours C

**Credit points:** 12 **Teacher/Coordinator:** Professor Robert Dixon **Session:** Semester 1, Semester 2 **Corequisites:** ASLT4012

Refer to ASLT4011

#### ASLT4014

##### Australian Literature Honours D

**Credit points:** 12 **Teacher/Coordinator:** Professor Robert Dixon **Session:** Semester 1, Semester 2 **Corequisites:** ASLT4013

Refer to ASLT4011

## European Studies

#### EUST2611

##### European & Middle Eastern Myth & Legend

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Williams **Session:** Semester 1 **Classes:** One 1 hour lecture per week, one 1 hour tutorial per week and WebCT-guided reading, worksheets, discussion forum for ongoing development. **Prerequisites:** At least 18 junior credit points from Part A of the Table of Units of Study, of which 12 credit points are from one subject; or permission from the Director of European Studies. **Assessment:** Presentation (equivalent to 2000 words), 2 essays of 2000 words each.

This course introduces some major myths and legends that constitute the foundations of Western European and Middle Eastern cultures. We consider how legends such as the Grail have evolved cross-culturally from the earliest times to the present day, with recent manifestations like the Da Vinci Code. We also examine the transformation of mythical archetypes such as the Quest (seen also in the voyages of Odysseus and Sindbad) and binary pairs (for instance in Ancient Greek and Arabic myth).

#### EUST2612

##### Regionalisms in Europe & the Middle East

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 2 **Classes:** One 1 hour lecture per week, one 1 hour tutorial per week and guided reading worksheets via WebCT / online postings planned for ongoing development. **Prerequisites:** At least 18 junior credit points from Part A of the Table of Units of Study, of which 12 credit points are from one subject; or permission from the Director of European Studies. **Assessment:** Oral presentation (1000 words), essay (2000 words), essay (3000 words).

This unit of study is designed to introduce the history of various regions, the nature of regional debate and the role of regional institutions within Europe and the Middle East. It will examine nationalism and community consciousness at levels below the nation-state and will consider the differing relationships between

central and regional powers in a number of case studies and the historic reasons for these.

#### EUST2613

##### Romanticism and Revolution

**Credit points:** 6 **Teacher/Coordinator:** Dr Françoise Grauby **Session:** Semester 2 **Classes:** One 1 hour lecture and one 1 hour tutorial per week **Prerequisites:** At least 18 junior credit points from Part A of the Table of Units of Study, of which 12 credit points are from one subject; or permission from the Director of European Studies. **Assessment:** 2 essays (2000 words each), class presentation (equivalent to 2000 words).

This unit will examine the impact of the Romantic Movement across Europe by examining the historical and cultural connections between three European countries (Germany, England and France) during the late eighteenth and nineteenth centuries. We will consider the different national contexts separately, look at their influence on each other and at the influence of Romantic thought throughout European society, identifying ways in which Romantic ideas and values revolutionised social, cultural and aesthetic ideas, transformed worldviews and shaped the future of Europe.

#### EUST2614

##### Contested Histories of Eastern Europe

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis and Dr Andrea Bandhauer **Session:** Semester 1 **Classes:** One 1 hour lecture and one 1 hour tutorial per week **Prerequisites:** At least 18 junior credit points from Part A of the Table of Units of Study, of which 12 credit points are from one subject; or permission from the Director of European Studies. **Assessment:** Two 2000 word essays (30% each), class presentation equivalent to 1000 words (20%), 1000 word essay (20%).

This unit examines through film, literature and media the histories and cultures of Eastern European countries after World War Two, the Cold war, the dissolution of the Soviet empire and the rise of nationalist and fundamentalist movements in various countries. Particular emphasis is given to the former Yugoslavia, Albania, Turkey and Russia. The special case of Greece is discussed. The unit explores the state and nation building processes as implemented during the process of participating in the European Union.

#### EUST2805

##### European Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### EUST2806

##### European Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### EUST2807

##### European Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### EUST2808

##### European Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### EUST4011

##### European Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** Prof Peter Morgan **Session:** Semester 1, Semester 2 **Classes:** Three seminars, each seminar meets weekly for 2 hours for one semester **Prerequisites:** A Credit average in 36 senior credit points of European Studies units, plus either 12 advanced level credit points OR 24 introductory / intermediate level credit points of a European language (other than English) or a Middle Eastern language. **Assessment:** A thesis of 12000-15000 words and 4000-6000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in European Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff

2. three seminars that meet weekly for two hours for one semester. The thesis should be of 12000-15000 words in length. Each seminar requires 4000-6000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 16.66%.

The following seminars are on offer in 2010:

European Identity and Cultures (Dr Kathryn Cramer)

European Cinema and National Identities (Assoc Prof Judith Keene)

In addition, students will complete one seminar related to historical and / or modern Europe, subject to approval.

For more information, contact Prof Peter Morgan, Honours coordinator.

#### **EUST4012**

##### **European Studies Honours B**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** EUST4011

See EUST4011

#### **EUST4013**

##### **European Studies Honours C**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** EUST4012

See EUST4011

#### **EUST4014**

##### **European Studies Honours D**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** EUST4013

See EUST4011

## **Film Studies**

#### **FILM2810**

##### **Film Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point junior unit of study in Film at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Studies Coordinator.

#### **FILM2811**

##### **Film Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point junior unit of study in Film at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Studies Coordinator.

#### **FILM2812**

##### **Film Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point junior unit of study in Film at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Studies Coordinator.

#### **FILM2813**

##### **Film Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point junior unit of study in Film at an approved overseas

university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Studies Coordinator.

#### **FILM2814**

##### **Film Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point junior unit of study in Film at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Studies Coordinator.

#### **FILM2815**

##### **Film Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point junior unit of study in Film at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Studies Coordinator.

#### **FILM4101**

##### **Film Studies Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr K Broadfoot **Session:** Semester 1, Semester 2

**Classes:** 2-hour weekly seminars; a series of half-day workshops

**Prerequisites:** Results of a credit average or better in 48 credit points in Film Studies senior units. If you do not have this prerequisite please contact the Honours coordinator to determine possible waiving of the prerequisite. Students may commence their study either at the beginning of the year or mid-year.

**Assessment:** A thesis of 18,000-20,000 words; a weekly 2-hour seminar for one semester with 6000-8000 words of written work; a series of half-day workshops that meet four times with 6000-8000 words of written work.

*Note: Department permission required for enrolment.*

The Honours program in Film Studies consists of:  
a thesis written under the supervision of one or more members of academic staff

1 seminar (Film is the Issue) that meets weekly for two hours for one semester.

1 workshop (Analysing the Visual) that meets four times during one semester

The thesis should be of 18,000-20,000 words in length. Each seminar and the workshop requires 6000-8000 words of written work or its equivalent.

The thesis is worth 60% of the final Honours mark and each of the seminars and workshop is worth 20%.

The following seminars are on offer in 2010:

Film is the Issue (Dr Keith Broadfoot)

The following workshop is on offer in 2010:

Analysing the Visual (Assoc Prof Jennifer Milam)

For more information, contact Dr Keith Broadfoot, Honours coordinator



Please refer to FILM4101

## French Studies

### FRNC1611

#### Junior French Introductory 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Alice Caffarel **Session:** Semester 1, Summer Main, Winter Main **Classes:** 4 hours per week (1 lecture, 3 tutorials) **Prerequisites:** Complete beginners, or less than 2 years of French, or less than 65% in Beginners HSC French **Prohibitions:** FRNC1101 **Assessment:** Continuous assessments: participation and weekly exercises online and face-to-face equivalent to 900 words (20%), 2 grammar tests equivalent to 1350 words (30%), oral test equivalent to 1350 words (30%), written test equivalent to 900 words (20%). (Total assessment 4500 words.)

This unit is based both on communicative methodology and functional approach to language. Its main objective is to teach the learner how to communicate and use grammar appropriately in a range of situations, while learning about French culture. Speaking, writing, listening and reading comprehension skills, will be developed through communicative activities. In addition, online resources and grammar activities will complement face-to-face teaching. This unit provides the essential skills for negotiating in and understanding everyday situations. FRNC1612 is the standard progression.

#### Textbooks

Di Giura, M. and Beacco, J-C. (2007). *Alors? Méthode de français Niveau A1* Course booklet to be purchased from the University Copy Centre.

### FRNC1612

#### Junior French Introductory 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Alice Caffarel **Session:** Semester 2, Summer Late, Winter Main **Classes:** 3 hours per week (1 lecture, 2 tutorials) **Prerequisites:** FRNC1611 or FRNC1101 or equivalent **Prohibitions:** FRNC1102 **Assessment:** Continuous assessment: participation and weekly exercises online and face-to-face and written expression (equivalent to 2250 words, 50%), oral exam (20%), written exam (equivalent to 2250 words, 30%).

FRNC1612 Junior French 2 is the continuation of FRNC1611 Junior French 1. It aims at strengthening students' oral communication skills and at developing further their written skills (reading and writing). Having completed FRNC1612 Junior French 2, students in their second year will normally enter FRNC2611 Senior French 1.

#### Textbooks

Robbe-Grillet, A (1985). *Djinn. Un trou entre les pavés disjoints* Course booklet to be purchased from the University Copy Centre.

### FRNC1621

#### Junior French Intermediate 3

**Credit points:** 6 **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** Less than 80% in HSC French Continuers or more than 65% in HSC French Beginners or equivalent **Prohibitions:** FRNC1201 **Assessment:** Class participation and written exercises (20%) (800 words), 2 written grammar tests (40%) (2200 words), comprehension test (20%) (1000 words), oral test (20%). (Total assessment 4000 words equivalent.)

This unit is designed for students who have studied some French but have not taken the Higher School Certificate examinations, or have less than 80% in French Continuers or Extension unit, or more than 65% in Beginners. It is based on a communicative approach and provides a systematic review of spoken and written French, building on students' previous experience of the language.

#### Textbooks

Capelle, G & Gidon, N. (1999) *Reflét 1*, Paris: Hachette Course booklet to be purchased from the University Copy Centre.

### FRNC1622

#### Junior French Intermediate 4

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Williams **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** FRNC1621 or FRNC1201 or equivalent **Prohibitions:** FRNC1202 **Assessment:** Class participation and written exercises (20%) (800 words), 2 written grammar tests (40%) (2200 words), comprehension test (20%) (1000 words), oral test (20%). (Total assessment 4000 words equivalent.)

This unit is the continuation of FRNC1621 Junior French 3. It continues to develop speaking, listening, writing and reading skills, while providing further insights into contemporary French culture. Having

completed FRNC1622 Junior French 4, students in their second year will usually enter FRNC2611 Senior French 1.

#### Textbooks

Capelle, G & Gidon, N. (1999) *Reflète 1*, Paris: Hachette Course booklet to be purchased from the University Copy Centre.

### FRNC1631

#### Junior French Advanced 5

**Credit points:** 6 **Teacher/Coordinator:** Dr Françoise Grauby **Session:** Semester 1 **Classes:** Two 1 hour lectures and two 1 hour tutorials per week **Prerequisites:** HSC French Continuers and Extension or more than 80% in Continuers French **Prohibitions:** FRNC1301 **Assessment:** Language: Two 200 word written assignments in French (equivalent to 800 words in English), written class test in French (equivalent to 1500 words in English), 4-5 minute oral test in French (equivalent to 1000 words in English). Reading: Written class test in French (equivalent to 1200 words in English).

This unit is designed for students who have completed HSC French Continuers and Extension or obtained more than 80% in Continuers. It consists of two segments (Practical Language and Reading) that together seek to develop speaking, writing, listening and reading skills, while providing an insight into contemporary French culture.

#### Textbooks

Course booklets to be purchased from the University Copy Centre.

### FRNC1632

#### Junior French Advanced 6

**Credit points:** 6 **Teacher/Coordinator:** Dr Françoise Grauby **Session:** Semester 2 **Classes:** Two 1 hour lectures and two 1 hour tutorials per week **Prerequisites:** FRNC1631 or FRNC1301 or equivalent **Prohibitions:** FRNC1302 **Assessment:** Language: Two 200 word written assignments in French (equivalent to 800 words in English), written class test in French (equivalent to 1000 words in English), 3 minute oral test in French (equivalent to 700 words in English). Reading: 1 hour test on medieval literature (equivalent to 1000 words in English), 3 minute oral exercise on theatre in French (equivalent to 1000 words in English).

This unit is the continuation of the first semester unit FRNC1631. Like that unit, it consists of two segments (Practical Language and Reading) that together seek to develop speaking, writing, listening and reading skills, while providing an insight into contemporary French culture.

#### Textbooks

Aucassin et Nicolette, Garnier Flammarion  
La Comédie du Drame, Folio  
L' Affruex  
Course booklets to be purchased from the University Copy Centre.

### FRNC1801

#### French Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

For students studying overseas.

### FRNC1802

#### French Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

For students studying overseas.

### FRNC2611

#### Senior French Intermediate 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Peter Cowley **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** FRNC1622, FRNC1612, FRNC1202, FRNC1102 or equivalent **Prohibitions:** FRNC2103 **Assessment:** Classwork 20% (equivalent to 800 words), reading and writing tests 80% (equivalent to 3200 words).

This unit is based on a communicative approach and concentrates on interactive exercises and activities to consolidate speaking, listening, writing and reading skills, reinforce understanding grammar, extend vocabulary and improve confidence in communication. This unit is normally taken by specialist students in conjunction with FRNC2614 French Reading 1.

#### Textbooks

Collins-Robert French Dictionaries

Grammaire progressive du français (intermédiaire)  
Course booklets to be purchased from the University Copy Centre.

### FRNC2612 Senior French Intermediate 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Peter Cowley **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** FRNC2611, FRNC2103 or equivalent **Prohibitions:** FRNC2104 **Assessment:** Classwork 15% (equivalent to 600 words), written tests 65% (equivalent to 2600 words), oral tests 20% (equivalent to 800 words).

This unit is based on a communicative approach and concentrates on interactive exercises and activities to develop skill in complex sentence formation and communicative functions, extend vocabulary, learn about aspects of French culture and acquire skills necessary for oral class presentations and essay writing in French. This unit is normally taken by specialist students in conjunction with FRNC2615 French Reading 2. Having completed FRNC2612 Senior French 2, students in their third year will enter FRNC2621 Senior French 3.

#### Textbooks

Collins-Robert French Dictionaries  
Grammaire progressive du français (intermédiaire)  
Course booklets to be purchased from the University Copy Centre.

### FRNC2614 French Reading 1: Text and Society

**Credit points:** 6 **Teacher/Coordinator:** Dr Françoise Grauby **Session:** Semester 1 **Classes:** 1 hour lecture and 1 hour tutorial per week **Prerequisites:** FRNC1612, FRNC1622, FRNC1102, FRNC1202 or equivalent **Prohibitions:** FRNC2621, FRNC3631, FRNC2501, FRNC3621, FRNC3622 **Assessment:** 3 written assignments, equivalent to 6000 words in English: class test (30%), commentary on text (30%), essay (30%), participation and preparation (10%).

*Note: This unit is required for students intending to major or take options in their third year*

This unit provides a socio-historical and cultural framework for students' studies within the department and develops reading, analytical and critical skills through the close study of a variety of contemporary, authentic texts. The segment presents an overview of the social transformations France has undergone in the twentieth century and the political challenges it confronts as it attempts to redefine its role in the world and in Europe.

#### Textbooks

A dossier of texts to be purchased from the University Copy Centre.

### FRNC2615 Literature and Theatre

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Williams **Session:** Semester 2 **Classes:** 1 hour lecture and 1 hour tutorial per week **Prerequisites:** FRNC2614, FRNC2501 or equivalent **Prohibitions:** FRNC2502, FRNC2622, FRNC3631, FRNC3621, FRNC3622 **Assessment:** Class test (1000 words), commentary (1000 words), oral presentation (1500 words), essay (2500 words), (total assessment 6000 words equivalent).

*Note: This unit is required for students intending to major or take options in their third year*

This unit continues the study of French national and cultural identity through the centuries, the development of reading, analytical and critical skills, and the practice of oral and written French. It places greater emphasis on literary texts, including study of narrative fiction and a play. It is designed for students in the second year of the beginner or intermediate streams, to be taken by specialist students in conjunction with FRNC2612.

#### Textbooks

Aucassin et Nicolette, Garnier-Flammarion  
Jean Tardieu, La Comédie du drame, Folio  
Course booklet to be purchased from the University Copy Centre.

### FRNC2621 Senior French Intermediate 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Caroline Lipovsky **Session:** Semester 1 **Classes:** 1 hour lecture and 2 hour tutorial per week **Prerequisites:** FRNC2612, FRNC2104 or equivalent **Prohibitions:** FRNC3105 **Assessment:** 2 written assignments in French (equivalent to 2000 words in English), written class test in French (equivalent to 1500 words in English), 3-4 minute oral test in French (equivalent to 1000 words in English).

This unit follows on from FRNC2612 Senior French 2. It seeks to develop speaking, writing, listening and reading skills while providing an insight into contemporary French culture. The unit uses communicative and cognitive approaches to language learning. Students' active participation through teamwork, role-playing and other interactive techniques is an essential aspect of all classes. This unit is normally taken by specialist students in conjunction with one of the options.

#### Textbooks

Course booklets to be purchased from University Copy Centre.

### FRNC2622 Senior French Intermediate 4

**Credit points:** 6 **Teacher/Coordinator:** Dr Caroline Lipovsky **Session:** Semester 2 **Classes:** 1 hour lecture and 2 hour tutorial per week **Prerequisites:** FRNC2621, FRNC3105 or equivalent **Prohibitions:** FRNC3106 **Assessment:** 2 written assignments in French (equivalent to 2000 words in English), written class test in French (equivalent to 1500 words in English), oral tests in French (equivalent to 1000 words in English).

This unit is a continuation of FRNC2621. It provides further insights into contemporary French culture and will lead to simple discussions on French cultural issues and current affairs.

#### Textbooks

Course booklets to be purchased from University Copy Centre.

### FRNC2666 Research Methods in French Studies

**Credit points:** 6 **Teacher/Coordinator:** Dr Michelle Royer **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** Credit in FRNC1632 or FRNC2615 or FRNC1302 or FRNC2502 **Assessment:** 10-15 minute class presentation in French (equivalent to 3000 words in English); research methodology project in French (equivalent to 3000 words in English).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit is designed as an 'Advanced' unit for students enrolled in the BA (Advanced) degree program. This unit is a prerequisite for admission to honours but may also be taken by students with a credit average as an additional unit. It introduces students to research methodologies and practices in various aspects of French Studies and provides them more generally with the basic tools for carrying out research in the humanities and social sciences.

### FRNC2682 The Legend of the Holy Grail

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Williams **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** FRNC1302 or FRNC2502 or FRNC1632 or FRNC2615 or equivalent **Prohibitions:** FRNC2901 **Assessment:** 20 minute class presentation (equivalent to 2000 words), 2 essays (1000 words and 1500 words).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

The Holy Grail is one of the most enduring symbols to have emerged from medieval French tradition. This unit will trace the development of the legend from its earliest expression in French literature through to the present day, via various media: the written text (medieval and modern) and the visual arts (illuminated manuscripts and cinema).

#### Textbooks

Chrétien de Troyes: Le Conte du Graal (Livres de Poche Lettres Gothiques)  
La Queste del Saint Graal (Classiques Français du moyen âge)  
Michel Tournier: Gaspard, Melchior et Balthazar (Folio)  
Eric Rohmer: Perceval le Gallois (film)

### FRNC2692 The Second French Revolution

**Credit points:** 6 **Teacher/Coordinator:** Dr Liz Rechniewski **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** FRNC1632, FRNC1302, FRNC2615, FRNC2502 or equivalent **Prohibitions:** FRNC2702 **Assessment:** 10 minute class presentation in French (equivalent to 2000 words in English), 2 essays in French of 1000 words each (equivalent to 4000 words in English) (total assessment equivalent to 6000 words).

In the second half of the twentieth century, French society underwent unprecedented changes, which continue to inform political debate in the third millennium. This unit of study examines the nature of those

changes, drawing on the work of theorists such as Simone de Beauvoir, Aimé Césaire and Pierre Bourdieu, and explores their impact both on those caught up in them and on contemporary events and debates. FRNC2692 is primarily designed for students at language level FRNC2622 or FRNC3622.

*Textbooks*

A dossier of texts to be purchased from the University Copy Centre.

### FRNC2803

#### French Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

For students studying overseas.

### FRNC2804

#### French Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

For students studying overseas.

### FRNC2805

#### French Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

For students studying overseas.

### FRNC2806

#### French Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

For students studying overseas.

### FRNC2807

#### French Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

For students studying overseas.

### FRNC2808

#### French Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

For students studying overseas.

### FRNC3621

#### Senior French Advanced 5

**Credit points:** 6 **Session:** Semester 1 **Classes:** 1 hour lecture and 2 hour tutorial per week **Prerequisites:** FRNC1632, FRNC1302 or equivalent **Prohibitions:** FRNC2303 **Assessment:** Written assignment in French (equivalent to 1500 words in English, 30%), written class test in French (equivalent to 1000 words in English, 25%), oral class test in French (equivalent to 1500 words in English, 25%), oral presentation (equivalent to 500 words, 10%), preparation and participation (10%).

This unit will provide a review of formal grammar, concentrating on complex sentences, paragraph and text structure, as well as placing emphasis on oral and written receptive and active communicative skills through functionally-oriented language activities. A range of authentic and semi-authentic material will be used, drawn from written and audiovisual media and occasional literary sources, covering topics of contemporary interest and providing vocabulary development. This unit of study is normally taken by specialist students in combination with one of the options.

*Textbooks*

J. Ollivier, Grammaire Française, 4th edition

Duplicated material to be purchased from the University Copy Centre.

### FRNC3622

#### Senior French Advanced 6

**Credit points:** 6 **Session:** Semester 2 **Classes:** 1 hour lecture and 2 hour tutorial per week **Prerequisites:** FRNC3621, FRNC2303 or equivalent. **Prohibitions:** FRNC2304 **Assessment:** Written assignment in French (equivalent to 1500 words in English, 30%), 2 written class tests in French (equivalent to 1500 words in English, 35%), oral class test in French (equivalent to 1500 words in English, 25%), preparation and participation (10%).

This unit is a continuation of FRNC3621. It will normally be taken by specialist students in conjunction with one of the specialist options. Having completed FRNC3622 Senior French 6, students in their third year will enter FRNC3631 Senior French 7.

*Textbooks*

J. Ollivier, Grammaire Française, 4th edition

Duplicated material to be purchased from the University Copy Centre.

### FRNC3631

#### Senior French Advanced 7

**Credit points:** 6 **Teacher/Coordinator:** Dr Michelle Royer **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** FRNC3622, FRNC2304 or equivalent **Prohibitions:** FRNC3305 **Assessment:** Written assignments (equivalent to 2000 words), oral presentations in French (equivalent to 2000 words), classwork (equivalent to 500 words).

In this unit, students will develop further their oral and written skills. Emphasis is placed on improving students' fluency, spontaneity and accuracy in oral French through debates and discussion of contemporary issues. Reading and writing skills are developed through specific exercises, such as text summaries and syntheses, as well as grammar exercises.

*Textbooks*

Course booklet to be purchased from University Copy Centre.

### FRNC3652

#### Textual Linguistics

**Credit points:** 6 **Teacher/Coordinator:** Dr Alice Caffarel and Dr Caroline Lipovsky **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** FRNC1632 or FRNC2615 or FRNC1302 or FRNC2502 or equivalent **Prohibitions:** FRNC3603 **Assessment:** 2 small assignments (1000 words each), final text analysis and interpretation (4000 words).

This unit of study explores the French linguistic system in more detail and in particular the semantic system. It focuses on the resources that make a text a cohesive semantic unit, such as logical relations, reference, lexical strings and thematic progression. This unit provides the students with linguistic tools for the analysis and the interpretation of the semantics of French texts in relation to their context of use.

*Textbooks*

Course booklet to be purchased from the University Copy Centre.

### FRNC3681

#### Genre de l'Invention, Invention du Genre

**Credit points:** 6 **Teacher/Coordinator:** Dr Peter Cowley **Session:** Semester 2 **Classes:** 1 hour lecture and 1 hour tutorial per week **Prerequisites:** FRNC1632 or FRNC1302 or FRNC2615 or FRNC2502 **Assessment:** In-class test (500 words), take-home exam (equivalent to 1500 words), essay (equivalent to 4000 words).

This unit focuses on French and francophone literary science fiction. It will concentrate on foundational texts and writers in the French tradition, exploring the latter's development, and characteristics particular to it. Students will also be introduced to recent genre theory in French Studies and will use it to analyse the development of this genre.

*Textbooks*

Consult the department for set texts

Course reader to be purchased from the University Copy Centre.

### FRNC3687

#### French Enlightenment

**Credit points:** 6 **Teacher/Coordinator:** Prof Margaret Sankey **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** FRNC1302, FRNC1632, FRNC2502, FRNC2615 or equivalent **Prohibitions:** FRNC3908 **Assessment:** 15 minute class presentation in French (equivalent to 2000 words in English), 2500 word essay in French (equivalent to 4000 words in English).

## 5. Arts units of study

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

The unit explores the origins of modernity and offers a study of French social and political thought in the eighteenth century and of major writers and thinkers of the Enlightenment period.

### Textbooks

Montesquieu. Les Lettres persanes (Garnier-Flammarion)  
Voltaire. Les Lettres philosophiques (Garnier-Flammarion)  
Rousseau. Discours sur l'origine de l'inégalité parmi les hommes (Garnier-Flammarion)

### FRNC3689

#### French Romanticism

**Credit points:** 6 **Teacher/Coordinator:** Dr Françoise Grauby **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** FRNC1302, FRNC1632, FRNC2502, FRNC2615 or equivalent **Prohibitions:** FRNC3909 **Assessment:** 15 minute class presentation in French equivalent to 2000 words in English, 1000 word written assignment, 3000 word essay.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

The unit will discuss the literary movement of Romanticism, along the themes of adolescence and regeneration. It will address such questions as the ideology of progress following the French Revolution, the ambiguities of the Napoleonic period, and the emergence of new sources of inspiration for literature.

### Textbooks

Chateaubriand. Memoires d'outre-tombe I (Livre de poche)  
Nerval. Sylvie (Livre de poche)  
Course booklet to be purchased from the University Copy Centre.

### FRNC3690

#### French Political Cinema

**Credit points:** 6 **Teacher/Coordinator:** Dr Michelle Royer **Session:** Semester 2 **Classes:** 1 hour lecture per week, 1 hour tutorial per week and film screenings **Prerequisites:** FRNC1631 or FRNC2615 or FRNC1302 or FRNC2502 **Assessment:** 1 hour class test (equivalent to 800 words), tutorial presentation (equivalent to 1200 words), essay (equivalent to 4000 words).

This unit will focus on a type of filmmaking that shows political and social awareness by depicting socio-political events, contemporary social realities in France and issues of marginality and difference. It will consider the contexts in which various trends of political films have emerged, the influence of post-war film history and contemporary events. The unit will explore issues of cinematic representation of marginality, ethnicity, sexuality and difference. Film screenings are an integral part of the course.

### FRNC3801

#### French In-Country Study

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

For students studying overseas.

### FRNC4011

#### French Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Michelle Royer **Session:** Semester 1, Semester 2 **Classes:** Three seminars, each seminar meets weekly for 2 hours for one semester **Prerequisites:** 48 senior credit points (with Credit average or better) including FRNC2666 Research Methods in French Studies and FRNC3631 Senior French Language (or equivalent). **Assessment:** A thesis of 12000-15000 words in length and 6000-8000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in French Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. three seminars that meet weekly for two hours for one semester.

The thesis should be of 12000-15000 words. Each seminar requires 6000-8000 words of written work or its equivalent.

The thesis is worth 60% of the final Honours mark and each of the seminars is worth 13.33%.

The following seminars are on offer in 2010:

La Mémoire Culturelle dans la Fiction Contemporaine (Prof Margaret Sankey)

La Représentation des Minorités dans le Cinéma Français (Dr Michelle Royer)

Theory and Practice of Translation (Dr Peter Cowley)

For more information, contact Dr Michelle Royer, Honours coordinator.

### FRNC4012

#### French Honours B

**Credit points:** 12 **Teacher/Coordinator:** Dr Michelle Royer **Session:** Semester 1, Semester 2 **Corequisites:** FRNC4011

Refer to FRNC4011

### FRNC4013

#### French Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Michelle Royer **Session:** Semester 1, Semester 2 **Corequisites:** FRNC4012

Refer to FRNC4011

### FRNC4014

#### French Honours D

**Credit points:** 12 **Teacher/Coordinator:** Dr Michelle Royer **Session:** Semester 1, Semester 2 **Corequisites:** FRNC4013

Refer to FRNC4011

## Gender Studies

### GCST2601

#### Introducing Media and Popular Culture

**Credit points:** 6 **Teacher/Coordinator:** Dr Guy Redden **Session:** Semester 1, Winter Main **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 junior credit points **Prohibitions:** WMST2001 **Assessment:** one 1500 word textual analysis, one 2500 word essay and tutorial participation  
*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit of study will introduce students to the discipline of Cultural Studies through the analysis of media and popular culture. The unit of study will draw on a range of interdisciplinary theories in order to explore how contemporary media and popular culture is analysed within Cultural Studies, including focus on magazines, advertising, cinema and television genres, popular music and video, and the internet.

### GCST2602

#### Introducing Gender

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Probyn-Rapsey **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 Junior credit points **Prohibitions:** WMST2002 **Assessment:** one 2000 word essay and one 2500 word essay

What role does gender play in identities, sexualities, in the way we experience our bodies and our social worlds? This unit of study will introduce students to fundamental concepts about gender and principle theorists of gender. We explore debates about gender and difference; between women and men and between women in relation to class, race and ethnicity. Case studies include reproductive technologies, biopolitics, intersex, love, masculinities, cyborgs and theories of embodiment.

### GCST2604

#### Sex, Violence and Transgression

**Credit points:** 6 **Teacher/Coordinator:** Dr Natalya Lusty **Session:** Semester 2, Summer Main **Classes:** one 2 hour lecture and one 1 hour tutorial **Prerequisites:** 18 Junior credit points **Prohibitions:** WMST2004 **Assessment:** one 2000 word case study, one 2000 word take-home exam, online participation  
*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Violence is one of the most prevalent themes in popular culture and public discourse today. It shapes our lives in all sorts of ways, both real and imagined. Incorporating concepts and theoretical tools from

gender and cultural studies, this course will examine the construction and representation of violence in relation to sexuality, transgression, difference and power.

### GCST2607

#### Bodies, Sexualities, Identities

**Credit points:** 6 **Teacher/Coordinator:** Dr Kane Race **Session:** Semester 1, Summer Late **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 junior credit points. **Prohibitions:** WMST2007 **Assessment:** Tutorial attendance and exercises, one 1500 word essay, one 2500 word essay  
*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

In this unit of study we will examine the ways in which feminist and other cultural theories have used bodies and sexualities in order to theorise difference and identity. The body and sexuality have been shown to be a major site for the operation of power in our society. We will look at how bodies and sexualities have given rise to critical understandings of identity. The unit of study will be devoted to working through some of the major theories of sexuality and embodiment, and the analysis of cultural practices.

### GCST2608

#### Gender, Communities and Belonging

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 Junior credit points **Prohibitions:** WMST2008 **Assessment:** one 500 word tutorial assignment, one 1500 word essay and one 2000 word take-home exam  
*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit examines experiences of gender, difference, and belonging within formations of community. It looks at the operation of power and at how power produces and regulates communities, places and identities. It questions the assumption that community is based on the unity and similarity of citizens and their location in bounded cultures and places, and examines alternatives such as difference, cultural diversity, and sociality. Specific debates about the production of community, place and culture within globalisation and contemporary operations of democracy, governance and power are examined. The course is divided into 3 sections: Community and Identity; Community, Difference and Belonging; and Cosmopolitanism and Hospitality.

### GCST2609

#### Cultures of Masculinities

**Credit points:** 6 **Teacher/Coordinator:** Dr Anna Hickey-Moody **Session:** Semester 1, Winter Main **Classes:** one 1 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 Junior credit points **Prohibitions:** WMST2009 **Assessment:** one 1500 word research proposal, one 1000 word review paper, and one 3500 word essay  
*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

'Masculine/feminine' is a core binary through which we come to know the world. Ideas of masculinity are implicit in value judgments about 'sex appeal', the appropriateness of employment opportunities and the ways in which families operate. Via foundational theorists in gender and cultural studies, we examine the economic, social and cultural contexts in which masculinity is lived. The first part of the unit establishes positions of core theorists of masculinity studies, the second surveys central themes in the field: protest masculinity, masculinity in crisis, the feminization of labour and the mythopoetic men's movement. The third is comprised of located case studies.

### GCST2610

#### Intimacy, Love and Friendship

**Credit points:** 6 **Teacher/Coordinator:** Dr Melissa Gregg **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 Junior credit points **Prohibitions:** WMST2010 **Assessment:** one 500 word tutorial paper, one 1500 word essay and one 2000 word essay  
*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit examines the representation and practices of intimate relations focusing especially on the intersection between intimacy and constructions of gender. Divided into three sections, the unit will

examine theories of love and friendship, contemporary cultural representations of love, desire and friendship, and the ethics and politics of erotics. This unit will also examine new technologies of intimacy, and discuss their implications for gender and sexuality.

### GCST2612

#### Youth Cultures

**Credit points:** 6 **Teacher/Coordinator:** Dr Anna Hickey-Moody **Session:** Semester 2, Summer Early **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 junior credit points **Prohibitions:** WMST2012 **Assessment:** one 1500 word case study, one 2000 word essay/exam and one 1000 word work book

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit uses changing ideas about youth and practices of youth culture as a focus for an introduction to contemporary cultural theory. It aims to introduce students to some of the current parameters for studying cultural forms, practices and theories by examining current and past forms of youth culture, representations of youth and youth culture, and cultural studies of youth. Points of focus include media images of youth, popular culture marketed to youth, and youth subcultures.

### GCST2613

#### Everyday Life: Theories and Practices

**Credit points:** 6 **Teacher/Coordinator:** Dr Natalya Lusty **Session:** Semester 1 **Classes:** one 1 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 Junior credit points **Prohibitions:** GCST2611 **Assessment:** one 1000 word close reading assignment, one 2000 word observation task assignment, one 2000 word critical essay or photo essay and one 1000 word group presentation

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

While much of our knowledge of everyday life is taken for granted, often considered ordinary or banal, the field of everyday life studies has provided one of the most important contributions to Cultural Studies. Drawing on critical thinkers including Henri Lefebvre, Michel de Certeau and Raymond Williams as well as feminist approaches to the study of the everyday, this unit will explore some of the defining theories, practices and research methods in this exciting new field.

### GCST2614

#### The Body: Theories, Practices, Cultures

**Credit points:** 6 **Teacher/Coordinator:** Dr Ruth Barcan **Session:** Semester 2 **Classes:** one 1 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 Junior credit points **Prohibitions:** WMST2012 **Assessment:** one 1000 word critical reflection exercise, one 2000 word close analysis task, and one 3000 word theoretical essay

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

How are bodily life and social worlds intertwined? What meaning can be found in even the most mundane or intimate body practices and cultures? This unit introduces students to the cultural study of embodiment and the body, drawing on a variety of body practices, cultures and functions, including breathing, toileting, nudism, yoga and body modification. Key concepts include: the mind/body split; disgust and taboos; the creation of borders, surfaces and depths; and the plasticity of bodies in culture.

### GCST2804

#### Gender Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GCST2805

#### Gender Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GCST2806

#### Gender Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GCST2810

#### Gender Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GCST2811

#### Gender Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GCST3603

#### Consumer Cultures

**Credit points:** 6 **Teacher/Coordinator:** Dr Ruth Barcan **Session:** Semester 1 **Classes:** one 1.5 hour lecture and one 1 hour tutorial per week **Prerequisites:** 18 Junior credit points, including 6 credit points in GCST **Prohibitions:** WMST3003 **Assessment:** journal exercises (equivalent to 1500 words), one 1500 word essay, and one 2000 word essay

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

From the theoretical basis of cultural studies, this unit examines the ways in which identities are increasingly formed through consumption. It looks both at critiques of consumer societies and at more optimistic theories about the different forms of life that are promoted by consumer culture, including the forms of identity and belonging they engender. We will consider elements of both material culture (e.g. possessions) and media culture.

### GCST3604

#### Cultural Theory

**Credit points:** 6 **Teacher/Coordinator:** Dr Catherine Driscoll **Session:** Semester 2 **Classes:** one 1 hour lecture, one 1.5 hour tutorial and 30 minutes of online learning per week **Prerequisites:** 18 junior credit points including at least 6 credit points GCST **Assessment:** Three 500 word responses to readings, choice of exam or 2500 word research essay, and participation in class and online

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Cultural Studies was widely discussed as one of the "New Humanities" in the 1990s, but a long history of debates about and theories of culture precede the discipline, and the processes of deciding what are the key texts and concepts of Cultural Studies is ongoing. This unit overviews core and the most frequently referenced critical and theoretical texts from the Cultural Studies "canon". Students will also undertake reading and analysis exercises designed to help them come to grips with using "theory" in their own work.

### GCST3690

#### Transnationalism, Gender & Globalisation

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 2 **Classes:** One 2 hour seminar per week **Prerequisites:** 18 Junior credit points, including 6 credit points in GCST **Prohibitions:** WMST3090 **Assessment:** seminar attendance, seminar exercises (equivalent to 1000 words), one 2000 word essay, one 2500 research essay

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit focuses on globalization theory's buzzwords: cosmopolitanism, diasporic communities, 'glocalization', translocality and hybridity. Using case studies (film, literature, Internet activist sites), from around the world we also consider the field of transnational feminism. We examine transnational feminism in the context of challenges to nation-state sovereignty, struggles for decolonisation, changes to individual subjectivity and the challenge to build transnational networks which take into account cultural 'difference'. We consider cross-cultural reading practices and research methodologies, reflecting a critical and practical engagement with issues covered by the unit.

### GCST4015

#### Gender Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Classes:** one class of 2-3 hours per week for each seminar **Prerequisites:** Credit average in 48 senior credit points of Gender Studies,

including GCST2602 (or WMST2002) **Assessment:** a thesis of 15,000 words and 6,000 words of written work or its equivalent for each seminar

*Note: Department permission required for enrolment.*

The Honours program in Gender Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. one seminar that meets weekly for 3 hours for one semester and two seminars that meet weekly for 2 hours for one semester
3. non-assessable participation in an Honours "mini-conference" that runs for half a day early in semester 2.

The thesis should be of 15,000 words in length. Each seminar requires 6,000 words of written work or its equivalent.

The thesis is worth 40% of the final Honours mark and each of the seminars is worth 20%.

The following seminars are on offer in 2010:

Arguing the Point (Dr Melissa Gregg)

Natures and Cultures of Bodies (Dr Kane Race)

Modernism, Modernity and Modern Culture (Dr Catherine Driscoll)

Identity, Place and Culture (Prof Meaghan Morris)

For more information, contact Dr Fiona Allon, Honours coordinator.

### GCST4016

#### Gender Studies Honours B

**Credit points:** 12 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to GCST4015 **Corequisites:** GCST4015 **Assessment:** Refer to GCST4015

Refer to GCST4015

### GCST4017

#### Gender Studies Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to GCST4015 **Corequisites:** GCST4016 **Assessment:** Refer to GCST4015

Refer to GCST4015

### GCST4018

#### Gender Studies Honours D

**Credit points:** 12 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to GCST4015 **Corequisites:** GCST4017 **Assessment:** Refer to GCST4015

Refer to GCST4015

### GCST4101

#### Arguing the Point

**Credit points:** 6 **Teacher/Coordinator:** Dr Melissa Gregg **Session:** Semester 1 **Classes:** one 2 hour seminar per week **Prerequisites:** Credit average in 48 senior credit points of Gender Studies, including GCST2602 (or WMST2002) OR credit average in 48 senior credit points of Cultural Studies, including GCST2601 (or WMST2001) **Prohibitions:** WMST4011 **Assessment:** 4000-6000 words of written work or its equivalent

*Note: Department permission required for enrolment. Note: The Honours in Gender Studies and Honours in Cultural Studies programs are structured in the same way. For each, a student must enrol in GCST4101 Arguing the Point and GCST4102 Research Skills. Every student then takes four Honours Thesis units and two Honours Seminar units, in Gender Studies or Cultural Studies respectively. It is also possible to do combined Honours by enrolling in one Seminar and two Thesis units from each discipline. All Honours students are also expected to attend the Departmental research seminar series. Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010.*

### GCST4102

#### Research Skills

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1 **Corequisites:** GCST4101 **Assessment:** Satisfactory completion **Practical field work:** Workshop lengths at times vary across the semester. A program is provided at the beginning of semester.

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

**GCST4103****Gender Studies Honours Seminar A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Classes:** one 2 hour seminar per week **Corequisites:** GCST4101 **Assessment:** 4000-6000 words of written work or its equivalent

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

**GCST4104****Gender Studies Honours Seminar B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Classes:** one 2 hour seminar per week **Corequisites:** GCST4101 **Assessment:** 4000-6000 words of written work or its equivalent

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

**GCST4105****Gender Studies Honours Thesis A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Corequisites:** GCST4101 **Assessment:** 15000 word thesis **Practical field work:** Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

**GCST4106****Gender Studies Honours Thesis B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Corequisites:** GCST4101 **Assessment:** See GCST4105 **Practical field work:** Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

**GCST4107****Gender Studies Honours Thesis C**

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Corequisites:** GCST4101 **Assessment:** See GCST4105 **Practical field work:** Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

**GCST4108****Gender Studies Honours Thesis D**

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Allon **Session:** Semester 1, Semester 2 **Corequisites:** GCST4101 **Assessment:** See GCST4105 **Practical field work:** Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor

*Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101*

**Germanic Studies****GRMN1111****Junior German 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 1 **Classes:** 4 hours per week **Prohibitions:** HSC German Extension, German Continuers, German Beginners 70% or above or equivalent **Assessment:** Classwork (tests, assignments, class presentations, participation), 2 hour exam.

Practical language classes based on a communicative approach that aims to develop the following language skills: speaking and understanding basic conversational German, writing German of an everyday kind and reading simple German texts which will provide an insight into aspects of contemporary life in the German-speaking countries.

*Textbooks*

Funk et al, studio d A1. Deutsch als Fremdsprache. Kurs-und Übungsbuch (Cornelsen)  
Niemann, studio d A1. Deutsch als Fremdsprache. Sprachtraining (Cornelsen)

Funk et al, studio d A1. Deutsch als Fremdsprache. Vokabeltaschenbuch (Cornelsen)

**GRMN1122****Junior German 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** GRMN1111 **Assessment:** Classwork (tests, assignments, class presentations, participation), 2 hour exam.

Practical language classes based on a communicative approach. These classes will develop and extend the language skills acquired in Semester 1.

*Textbooks*

Funk et al, studio d A2. Deutsch als Fremdsprache. Kurs-und Übungsbuch (Cornelsen)  
Niemann, studio d A2. Deutsch als Fremdsprache. Sprachtraining (Cornelsen)  
Funk et al, studio d A2. Deutsch als Fremdsprache. Vokabeltaschenbuch (Cornelsen)

**GRMN1211****Junior German 3**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 1 **Classes:** 4 hours per week **Prerequisites:** HSC German Beginners 70% or above or German Continuers below 70% or equivalent **Assessment:** Classwork (conversation, class tests, compositions, comprehensions, translations, class presentations, short literature essay), one 2 hour exam.

Practical language classes, including conversation: 3 hours per week. These classes provide a systematic review of each of the four language skills and a coordinated program to develop and extend these skills. Text study class: 1 hour per week. This part of the course is designed to develop students' reading and comprehension skills; it also provides an introduction to the skills of literary analysis.

*Textbooks*

Funk et al, studio d B1. Kurs- und Übungsbuch (Cornelsen)  
Funk et al, studio d B1. Vokabeltaschenbuch (Cornelsen)  
Niemann, studio d B1. Deutsch als Fremdsprache. Sprachtraining (Cornelsen)  
Teichert et al, Allerlei zum Lesen, 2nd edition (D.C. Heath and Company)

**GRMN1222****Junior German 4**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** GRMN1211 **Assessment:** Classwork (conversation, class tests, compositions, comprehensions, translations, class presentations, short literature essay), one 2 hour exam.

Practical language classes, including conversation: 3 hours per week. These classes provide a systematic review of each of the four language skills and a coordinated program to develop and extend these skills. Text study class: 1 hour per week. This part of the course is designed to further develop students' reading and comprehension skills; it also provides an introduction to the skills of literary analysis.

*Textbooks*

Teichert et al, Allerlei zum Lesen, 2nd edition (D.C. Heath and Company)  
Perlmann-Balme et al, em neu 2008 Brückenkurs, Kursbuch (Hueber)  
Orth-Chambah et al, em neu 2008 Brückenkurs, Arbeitsbuch (Hueber)  
Hering et al, em Übungsgrammatik (Hueber)

**GRMN1311****Junior German 5**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 1 **Classes:** 4 hours per week **Prerequisites:** HSC German Extension or German Continuers 70% or above or equivalent **Assessment:** Classwork (conversation, class tests, compositions, comprehensions, translations, class presentations, short literature essay), one 2 hour exam.

Practical language classes, including conversation: 3 hours per week. These classes provide a systematic review of each of the four language skills and a coordinated program to develop and extend these skills. Literature tutorial: 1 hour per week. Discussion of a selection of literary texts and a film to develop students' appreciation of these genres and introduce them to the skills of literary and film analysis.

*Textbooks*

Lodewick, Barthel 1 Kursbuch (Fabouda)  
Lodewick, Barthel 1 Übungsbuch (Fabouda)

Hering et al, em Übungsgrammatik (Hueber)  
German Literature course pack to be purchased from the University Copy Centre.

### GRMN1322 Junior German 6

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** GRMN1311 **Assessment:** Classwork (conversation, class tests, compositions, comprehensions, translations, class presentations, short literature essay), one 2 hour exam.

Practical language classes, including conversation: 3 hours per week. These classes provide a systematic review of each of the four language skills and a coordinated program to develop and extend these skills. Literature tutorial: 1 hour per week. Discussion of a variety of literary texts and genres to develop students' appreciation of literature and introduce them to the skills of literary analysis. At the end of this unit students will be able to sit the TestDaF, the pre-requisite language examination for German universities.

#### Textbooks

Lodewick, Barthel 1 Kursbuch (Fabouda)  
Lodewick, Barthel 1 Übungsbuch (Fabouda)  
Hering et al, em Übungsgrammatik (Hueber)  
Kniffza, Gutzat, Training TestDaF. Material zur Prüfungsvorbereitung. Trainingsbuch (Langenscheidt)  
German Literature course pack to be purchased from the University Copy Centre.

### GRMN2611 Senior German 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Yixu Lu **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** GRMN1122 **Prohibitions:** GRMN2211, GRMN2222, GRMN2311, GRMN2322, GRMN2331, GRMN2342, GRMN2351, GRMN2362 **Assessment:** 2 hour exam, classwork (conversation, class tests, compositions, comprehensions, translations, class presentations).

Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend the basic German knowledge gained in Junior German 1 and Junior German 2. Classes will practise both written, oral/aural and comprehension skills.

#### Textbooks

Funk et al, studio d B1. Kurs- und Übungsbuch (Cornelsen)  
Funk et al, studio d B1. Vokabeltaschenbuch (Cornelsen)  
Niemann, studio d B1. Deutsch als Fremdsprache. Sprachtraining (Cornelsen)

### GRMN2612 Senior German 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Yixu Lu **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** GRMN2611 or GRMN2211 **Prohibitions:** GRMN2222, GRMN2311, GRMN2322, GRMN2331, GRMN2342, GRMN2351, GRMN2362 **Assessment:** 2 hour exam, class work (conversation, class tests, compositions, comprehensions, translations, class presentations).

Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend the basic German knowledge gained in Senior German 1. Classes will practise both written, oral/aural and comprehension skills.

#### Textbooks

Perlmann-Balme et al, em neu 2008 Brückenkurs, Kursbuch (Hueber)  
Orth-Chambah et al, em neu 2008 Brückenkurs, Arbeitsbuch (Hueber)  
Hering et al, em Übungsgrammatik (Hueber)

### GRMN2613 Senior German 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Yixu Lu **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** GRMN1222 or GRMN2222 or GRMN2612 **Prohibitions:** GRMN2311, GRMN2322, GRMN2331, GRMN2342, GRMN2351, GRMN2362 **Assessment:** 2 hour exam, classwork (conversation, class tests, compositions, comprehensions, translations, class presentations).

Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed. At the completion of

this unit students will have reached the equivalent of the 'Zertifikat Deutsch'.

#### Textbooks

Perlmann-Balme et al, em neu 2008 Brückenkurs, Kursbuch (Hueber)  
Orth-Chambah et al, em neu 2008 Brückenkurs, Arbeitsbuch (Hueber)  
Hering et al, em Übungsgrammatik (Hueber)

### GRMN2614 Senior German 4

**Credit points:** 6 **Teacher/Coordinator:** Dr Yixu Lu **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** GRMN2613 or GRMN2311 **Prohibitions:** GRMN2322, GRMN2331, GRMN2342, GRMN2351, GRMN2362 **Assessment:** 2 hour exam, classwork (conversation, class tests, compositions, comprehensions, translations, class presentations).

Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed.

#### Textbooks

Glienicke, Katthagen, TestDaf. Kurs zur Prüfungsvorbereitung (Hueber)  
Hering et al, em Übungsgrammatik (Hueber)

### GRMN2615 Senior German 5

**Credit points:** 6 **Teacher/Coordinator:** Dr Yixu Lu **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** GRMN2322 or GRMN2614 **Prohibitions:** GRMN2331, GRMN2342, GRMN2351, GRMN2362 **Assessment:** 2 hour exam, classwork (conversation, class tests, compositions, comprehensions, translations, class presentations).

Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed.

#### Textbooks

Lodewick, Barthel 1 Kursbuch (Fabouda)  
Lodewick, Barthel 1 Übungsbuch (Fabouda)  
Hering et al, em Übungsgrammatik (Hueber)

### GRMN2616 Senior German 6

**Credit points:** 6 **Teacher/Coordinator:** Dr Yixu Lu **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** GRMN1322 or GRMN2615 **Prohibitions:** GRMN2342, GRMN2351, GRMN2362 **Assessment:** 2 hour exam, classwork (conversation, class tests, compositions, comprehensions, translations, class presentations).

Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed.

#### Textbooks

Lodewick, DSH & Studienvorbereitung. Deutsch als Fremdsprache für Studentinnen und Studenten. Text- und Übungsbuch. (Fabouda)  
Hering et al, em Übungsgrammatik (Hueber)

### GRMN2617 Senior German 7

**Credit points:** 6 **Teacher/Coordinator:** Dr Yixu Lu **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** GRMN2331 or GRMN2616 **Prohibitions:** GRMN2351, GRMN2362 **Assessment:** 2 hour exam, classwork (conversation, class tests, compositions, comprehensions, translations, class presentations).

Using the most recent textbook materials which conform to both the European and International reference frameworks, as well as additional materials, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed. In this unit students will especially acquire a good foundation on the cultural conditions leading to understanding and using the German language.

#### Textbooks



Lodewick, DSH & Studienvorbereitung. Deutsch als Fremdsprache für Studentinnen und Studenten. Text- und Übungsbuch. (Fabouda)  
Hering et al, em Übungsgrammatik (Hueber)

### GRMN2618

#### Senior German 8

**Credit points:** 6 **Teacher/Coordinator:** Dr Yixu Lu **Session:** Semester 1  
**Classes:** 3 hours per week **Prerequisites:** GRMN2342 or GRMN2617  
**Prohibitions:** GRMN2362 **Assessment:** 2 hour exam, classwork (conversation, class tests, compositions, comprehensions, translations, class presentations).

Using current materials, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed. In this unit students will especially acquire a good foundation on the specific structure of the German language and its background.

#### Textbooks

Contact the department.

### GRMN2631

#### Reading Comprehension and Text Study

**Credit points:** 6 **Teacher/Coordinator:** Dr Birte Giesler **Session:** Semester 1  
**Classes:** 2 hours per week **Prerequisites:** (GRMN1111 and GRMN1122) or (GRMN1211 and GRMN1222) **Prohibitions:** GRMN1311, GRMN1322, GRMN2342, GRMN2616, GRMN2530, GRMN2351, GRMN2617, GRMN2362, GRMN2618 **Assessment:** 2000 word essay, three class tests (3 x 1000 words), 1 hour exam.

Particularly suitable for students who have completed Junior German 1 and 2. The emphasis of the course will be on improving students' reading skills, as a necessary prerequisite to literary analysis and interpretation.

#### Textbooks

Teichert et al, Allerlei zum Lesen, 2nd edition (D.C. Heath and Company)

### GRMN2632

#### Early 20th Century German Culture

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 1  
**Classes:** 2 seminar hours per week **Prerequisites:** 12 Junior credit points of German not including GRMN1133 **Prohibitions:** GRMN2450  
**Assessment:** 3500 word essay, written tutorial paper (1500 words), class presentation (1000 words).

This unit will provide students with an in-depth study of the major writers of German literature from the beginning of the 20th century through to about the end of World War II thereby giving students an appreciation of the variety of themes and narrative modes of that period. During this time, writers were confronted with massive cultural, social and political changes and we will examine how they dealt with these in their works.

#### Textbooks

Mann, Tonio Kröger. Mario und der Zauberer (Fischer Tb. 1381)  
Kafka, Das Urteil und andere Erzählungen (Fischer Tb. 19)  
Brecht, Mutter Courage und ihre Kinder (es 49)

### GRMN2634

#### The Fantastic in German Literature

**Credit points:** 6 **Teacher/Coordinator:** Dr Birte Giesler **Session:** Semester 1  
**Classes:** 2 hours per week **Prerequisites:** 12 Junior credit points of German not including GRMN1133 **Assessment:** 3000 word essay, tutorial paper (2000 words), class presentation (1000 words).

This unit considers the fantastic as an essential aspect of literature. It will explore literary works in German of differing epochs and genres dealing with forms and subjects of the magic, uncanny, or supernatural, including aspects of science fiction. Several functions of the fantastic in literature - such as escapism, dealing with the rationally unexplainable, as well as depicting futuristic worlds and going through potential problematic situations - will be investigated.

#### Textbooks

Gebrüder Grimm, Blaubart (copy provided by the department)  
Döblin: Ritter Blaubart. In: A. D.: Die Ermordung einer Butterblume und andere Erzählungen (dvt 13199)  
Frisch: Blaubart. (Suhrkamp st 2194)  
Loher: Blaubart - Hoffnung der Frauen. In Manhattan-Medea. Blaubart - Hoffnung der Frauen. (Verlag der Autoren)

### GRMN2635

#### Contemporary German Fiction

**Credit points:** 6 **Teacher/Coordinator:** Dr Birte Giesler **Session:** Semester 2  
**Classes:** 2 hours per week **Prerequisites:** 12 Junior credit points of German not including GRMN1133 **Prohibitions:** GRMN2913 **Assessment:** 3000 word essay, written class test (2000 words), class presentation (1000 words).

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit provides an overview of important currents in recent fiction in the German-speaking countries of Europe. A selection of highly acclaimed novels will be studied in depth and students will gain an insight into the diversity and originality of literature in the German language and an understanding of the relationship of literary texts to their historical and cultural contexts.

#### Textbooks

Brussig, Thomas: Am kürzeren Ende der Sonnenallee. Fischer Taschenbuch. ISBN 978-3-596-14847-9  
Schlink, Bernhard: Der Vorleser. Diogenes Taschenbuch. ISBN 978-3-257-22953-0  
Vanderbeke, Birgit: Das Muschelessen. Fischer Taschenbuch. ISBN 978-3-596-13783-1

### GRMN2637

#### Business German

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 2  
**Classes:** 1 hour lecture and one 1 hour tutorial per week  
**Prerequisites:** GRMN1222, GRMN1322, GRMN2222 or GRMN2612  
**Assessment:** Classwork (tests, assignments, presentations, participation), 2 hour exam.

This unit develops and practices the language skills, both oral and written, necessary for working in a German business environment. It will deal with issues ranging from everyday communication within a business context, to in-depth analyses of specific economic topics.

#### Textbooks

Becker, Braunert, Eisfeld, Dialog Beruf 2 (Hueber)  
Becker, Braunert, Eisfeld, Dialog Beruf 2. Arbeitsbuch (Hueber)

### GRMN2682

#### Foreign & Exotic in the German World

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 1  
**Classes:** 2 hours per week **Prerequisites:** Credit average in 12 Junior credit points of German not including GRMN1133 **Prohibitions:** GRMN3702 **Assessment:** 3000 word essay, written tutorial paper (1000 words), class presentation (1000 words), 1 hour exam.

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit investigates questions of national identity and foreignness (Fremde) in modern literary texts in German. We will consider the construction as well as the deconstruction of belonging and 'being foreign', both by native authors and by so-called 'Ausländer' (foreigners, migrants) writing in German. Narratives critical of concepts of a national identity which excludes, rejects and devalues the 'other', as well as narratives by authors 'embodying' the foreign and 'exotic', will be compared.

#### Textbooks

Nadolny, Selim oder die Gabe der Rede. (Serie Piper Bd.730)  
Özdamar, Die Brücke vom Goldenen Horn. kiwi Taschenbücher 731  
Tawada et al, (Course Pack UPS)

### GRMN2684

#### Myth in German Literature

**Credit points:** 6 **Teacher/Coordinator:** Dr Yixu Lu **Session:** Semester 2  
**Classes:** 2 hour seminar per week **Prerequisites:** Credit average in 12 junior credit points of German not including GRMN1133 **Assessment:** Essay (3500 words), tutorial paper (equivalent to 1500 words), class presentation (equivalent to 1000 words).

(This is a special honours entry unit.) Myths are woven around figures and events that retain their fascination over the ages. Many German writers have engaged in reviving and transforming mythical patterns from the past to make them vital and appealing to readers and audiences of their own times. This unit will reveal the fascination held

by a selection of mythical themes that provide the focus of works written by German writers of the more recent past.

*Textbooks*

Johann Wolfgang Goethe: Iphigenie auf Tauris. Reclam ISBN: 978-3-15-000083-0

Heinrich von Kleist: Die Hermannsschlacht. Reclam Verlag, ISBN: 978-3-15-000348-0

Friedrich Hebbel: Judith. Reclam. UB: 316.1

Christa Wolf: Medea. Stimmen. Deutscher Taschenbuchverlag, 1998

**GRMN2811**

**Germanic Studies Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GRMN2812**

**Germanic Studies Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GRMN2813**

**Germanic Studies Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GRMN2814**

**Germanic Studies Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GRMN2815**

**Germanic Studies Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrea Bandhauer **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GRMN4011**

**German Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr Birte Giesler **Session:** Semester 1, Semester 2 **Classes:** Two 2 hour seminars in Semester 1 and one 2 hour seminar in Semester 2 **Prerequisites:** 48 senior credit points of German including 12 credit points of special honours entry units (2680 level) **Assessment:** A thesis of 12000-15000 words and 5000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Germanic Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. three seminars that meet weekly for two hours for one semester.

The thesis should be of 12000-15000 words in length. Each seminar requires 5000 words of written work or its equivalent.

The thesis is worth 55% of the final Honours mark and each of the seminars is worth 15%.

The following seminars are on offer in 2010:

Women and Female Figures in German Literature from the Enlightenment to Romanticism (Dr Yixu Lu)

German Linguistics (Dr Andreas Jäger)

Artificial Humans in German Literature and Film (Dr Birte Giesler)

For more information, contact Dr Birte Giesler, Honours coordinator.

**GRMN4012**

**German Honours B**

**Credit points:** 12 **Teacher/Coordinator:** Semester 1 Dr Birte Giesler, Semester 2 Dr Andrea Bandhauer **Session:** Semester 1, Semester 2 **Corequisites:** GRMN4011

Refer to GRMN4011

**GRMN4013**

**German Honours C**

**Credit points:** 12 **Teacher/Coordinator:** Semester 1 Dr Birte Giesler, Semester 2 Dr Andrea Bandhauer **Session:** Semester 1, Semester 2 **Corequisites:** GRMN4012

Refer to GRMN4011

**GRMN4014**

**German Honours D**

**Credit points:** 12 **Teacher/Coordinator:** Semester 1 Dr Birte Giesler, Semester 2 Dr Andrea Bandhauer **Session:** Semester 1, Semester 2 **Corequisites:** GRMN4013

Refer to GRMN4011

## Global Studies (For continuing Bachelor of Global Studies students only)

**GBST2602**

**Human Rights & the Global Public Sphere**

**Credit points:** 6 **Teacher/Coordinator:** Dr Danielle Celermajer **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** GBST1001 and ANTH1002 **Assessment:** one class debate, one take-home exam and one 2500 word essay

How do international and national/local norms, institutions, and movements interact with and shape each other, or fail to do so? This unit examines the activities of international and regional formal and informal political, non-governmental and civil society organisations, with a particular interest in the dynamics of power and explaining how norms are produced and transformed in global interactions. It considers the constraints and liberational potential of human rights and the relationship between human rights and culture, religion, colonialism and imperialism.

**GBST2801**

**Global Studies Exchange 1**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GBST2802**

**Global Studies Exchange 2**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GBST2803**

**Global Studies Exchange 3**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GBST2804**

**Global Studies Exchange 4**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GBST2805**

**Global Studies Exchange 5**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GBST2806**

**Global Studies Exchange 6**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GBST2807**

**Global Studies Exchange 7**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**GBST2808**

**Global Studies Exchange 8**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GBST4011

#### Global Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Erin Taylor/Professor Michael Humphrey **Session:** Semester 1, Semester 2 **Prerequisites:** Completion of the Bachelor of Global Studies with a Credit average **Assessment:** All of the major components of the Honours year will be assessed.

*Note: Department permission required for enrolment.*

Honours consists of coursework, seminars and the completion of a substantial research thesis. For details please contact the Global Studies coordinator.

### GBST4012

#### Global Studies Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** GBST4011

see GBST4011

### GBST4013

#### Global Studies Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** GBST4012

see GBST4011

### GBST4014

#### Global Studies Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** GBST4013

see GBST4011

## Government and International Relations

### GOVT1001

#### Government Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GOVT1101

#### Australian Politics

**Credit points:** 6 **Teacher/Coordinator:** Dr Anika Gauja **Session:** Semester 1 **Classes:** 3 hours per week (may include a combination of lectures and tutorials) **Assessment:** Essay; Exam; Participation; Paper

This unit introduces students to debates about the nature and limits of Australian democracy, to the major institutions of Australian politics, and to the distribution of power in Australian society. Major institutions and forces such as parliament, executive government, the federal system, political parties and the media are examined as arenas of power, conflict and consensus. Who rules? How? Which groups are excluded?

### GOVT1104

#### Power in Society

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Rodney Smith **Session:** Semester 2 **Classes:** 2 lectures and 1 tutorial per week **Assessment:** Critical Reading Exercises; Participation; Case Study; Exam

This unit provides an introduction to the study of politics through a focus on the key organising principle of political science: power. Different ways in which power is theorised and structured are considered, not with the intention of presenting a universal theory or theories, but rather to find some connections and extensions amongst a wide variety of experiences of political power. In particular this unit considers the way power operates in Australian society in relation to political decision making. The unit draws on case studies in order to combine the study of key political ideas and concepts with practical examples from our daily lives (e.g. diet, transport, drugs, clothing, etc.).

### GOVT1105

#### Geopolitics

**Credit points:** 6 **Teacher/Coordinator:** Dr John Brookfield **Session:** Semester 1, Semester 2 **Classes:** 3 hours per week (may include a combination of lectures

and tutorials) **Assessment:** Critical reading and bibliographic assignments; essay; exam; tutorial participation

This unit will examine how the contemporary international political order has emerged by focusing upon the interplay of diplomatic and strategic issues in the post-war world. It will begin with an analysis of the Cold War and its origins, tracing the development of Soviet-American rivalry, its manifestations in Europe, Asia, Africa and Latin America, and the different ways in which that rivalry was played out. The collapse of the Soviet Union as both a superpower and a state and the disappearance of the communist bloc will be analysed, before surveying the post-Cold War international scene. Among the issues reviewed in the post-Cold War era will be the question of US hegemony and unilateralism vs. multilateralism, nuclear proliferation, the continuing tension between the first and the third worlds, questions of civilisational conflict, non-state actors and terrorism, democratisation, and regional conflict.

### GOVT1202

#### World Politics

**Credit points:** 6 **Teacher/Coordinator:** Dr Gil Merom (S1); TBA (S2) **Session:** Semester 1, Semester 2 **Classes:** 3 hours per week (may include a combination of lectures and tutorials) **Assessment:** Assignment; Essay; Exam; Participation

This unit introduces the core content of the field of international relations. The first part of the unit presents the realist, liberal, Marxist and constructivist paradigms of international relations. The second part of the unit discusses the key actors and processes political scientists define in the field, including the state, decision makers, bureaucratic organisations, and classes. The final part of the unit focuses on international security, international political economy, and global problems.

### GOVT1881

#### Government Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GOVT1882

#### Government Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GOVT2111

#### Human Rights and Australian Politics

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Louise Chappell **Session:** Semester 2 **Classes:** 3 hours per week (May include a combination of lectures and tutorials) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2101 **Assessment:** Essay; group project; exam; and participation.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit introduces students to the notion of human rights, outlines international human rights enforcement mechanisms and the application of human rights standards in Australia. Throughout the course we consider the evolution of human rights in Australia and raise questions about the adequacy of Australia's existing human rights machinery, and examine the reasons for Australia's reluctance to adopt a Bill of Rights. We examine government policies toward the indigenous Australians, women and refugees. We also consider current legislative changes to combat terrorism and consider the implications of these changes on Australian's civil rights.

### GOVT2114

#### The Australian Political Party System

**Credit points:** 6 **Teacher/Coordinator:** Dr Anika Gauja **Session:** Semester 2 **Classes:** 3 hours per week (may include a combination of lectures and tutorials) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2104 **Assessment:** exam, essay, tutorial presentation

The unit examines the Australian party system, including colonial-era pre-party politics, the development of major parties (Labor, Liberal and National) and minor parties (Democrats, Greens, One Nation etc), parties and ideology, parties and social movements, internal party

politics, parties and the law, parties and elections, parties and parliamentary politics, and parties and public policy. Emphasis is placed on how theoretical and comparative models of political parties help to explain Australian party politics.

### GOVT2116

#### Australian Foreign and Defence Policy

**Credit points:** 6 **Teacher/Coordinator:** Dr Bob Howard **Session:** Semester 1 **Classes:** 3 hours per week (may include a combination of lectures and tutorials) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2106 **Assessment:** Essay; tutorial presentation; group image; exam.

This unit examines Australia's external relations through its foreign and defence policies since Federation. It will begin with an overview of the theoretical tools for studying foreign policy, policy making and the institutions of Australia's external relations, followed by an historical overview of 'Continuity and Change' in Australia's foreign and defence policies over the relevant period. Key regional and international relationships will be analysed, as will Australia's policy response to contemporary global issues such as human rights; the War on Terror; the environment; energy security and nuclear affairs. The unit will conclude with a discussion on identity and Australia's place in the world today.

### GOVT2119

#### Southeast Asia: Dilemmas of Development

**Credit points:** 6 **Teacher/Coordinator:** Dr Lily Rahim **Session:** Semester 2 **Classes:** 3 hrs per week (May include a combination of lectures and tutorials) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** ECHS2303, GOVT2109 **Assessment:** Essay; tutorial presentation and participation; mid-semester exam; end-of-semester exam.

Until the 1997 East Asian economic/financial crisis, Southeast Asia was acclaimed as one of the most dynamic and rapidly growing regional economies in the Asia-Pacific sphere. Not surprisingly, the region has attracted enormous interest from social scientists and the wider business community in Australia. However, there is limited consensus about the causes for the region's economic performance and socio-political trajectory during the 'boom' and 'post-boom' years. This course aims to place the region's economic experiences and socio-political changes within a broader historical and comparative context. Such an approach allows us to better appreciate the economic continuities, understand the major socio-political dilemmas and changing patterns of development.

### GOVT2221

#### Politics of International Economic Rels

**Credit points:** 6 **Teacher/Coordinator:** Dr John Mikler **Session:** Semester 1 **Classes:** 3 hrs per week (may include a combination of lectures and tutorials) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2201 **Assessment:** Exam; essay; tutorial presentation; tutorial participation.

This unit provides an overview of four major theoretical approaches to international political economy and how these apply to understanding the practice of international economic relations. These theories are: economic nationalism, liberalism, neo-Marxism and poststructuralism. The unit analyses the theory and practice of economic relations by and between states, by focussing in particular on relations between the developed and developing world. It applies each of the four main theories to developing country regions. In this way students also become acquainted with the theory and practice of economic development.

### GOVT2225

#### International Security in 21st Century

**Credit points:** 6 **Teacher/Coordinator:** Dr Gil Merom **Session:** Semester 1 **Classes:** 3 hrs per week (may include a combination of lectures and tutorials) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2205 **Assessment:** Exam, Participation and Essay

This unit introduces the theoretical foundations, essential concepts and central issues in the field of international security. It provides students with analytical tools to understand and participate in current debates concerning security and threats. The first part of the unit provides an introduction to the theoretical interpretations of

international security. The second part discusses security phenomena, problems and strategies, including the coercive use of force, deterrence, guerrilla and counterinsurgency, nuclear stability, proliferation of weapons of mass destruction, crisis management, arms races and disarmament, security cooperation and security regimes. The discussion in this part includes a critical review of the dilemmas, strategies, and solutions in each of the issue areas.

### GOVT2226

#### International Organisations

**Credit points:** 6 **Teacher/Coordinator:** Dr Susan Park **Session:** Semester 1 **Classes:** 3 hrs per week (may include a combination of lectures and tutorials) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2206 **Assessment:** Policy paper; exam; participation.

International Organisations is a survey of both the range of institutions created in response to various economic, security and environmental challenges faced by states and other actors in the global system, and some of the most prominent theories aimed at explaining them. The course will be arranged around a series of case studies of particular issue areas, from international peacekeeping, to the regulation of multinational corporations, and the struggle to slow global warming. More broadly, the course will question whether international organisations are instruments of or rivals to sovereign states, and whether they reflect the hegemony of the West, solutions to international collective problems, or agents of new transnational communities.

### GOVT2331

#### Social Change and Politics

**Credit points:** 6 **Teacher/Coordinator:** Dr Peter Chen **Session:** Semester 2 **Classes:** 3 hrs per week (may include a combination of lectures and tutorials) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2301 **Assessment:** Web site review; research report; in-class test; tutorial participation

This unit examines how processes of social change are shaped by a variety of non-institutionalised political actors, including individuals, interest groups and social movements. It will answer questions such as: What is political participation? How and why do people act politically in Australia? How does participation both shape policy agendas and lead to societal change? The main conceptual topics include: political participation, political socialisation, civil society, interest groups and social movements. This conceptual framework will be used to examine the strategic repertoires adopted by movements and groups in society, including: young people, environmental movements, identity movements, the labour movement, anti-corporate globalisation action and community-based politics.

### GOVT2440

#### Globalisation and National Governance

**Credit points:** 6 **Teacher/Coordinator:** Dr James Reilly **Session:** Semester 2 **Classes:** 3 hrs per week (may include a combination of lectures and tutorials) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2410 **Assessment:** Research paper; group project; participation; exam

It is often argued that we are entering a new era in which the existence of nation-states and the power of national governments to manage economic and social change are rapidly being eroded by globalisation. This unit will appraise the debates about the impact of globalisation and state power erosion. It will pay particular attention to different forms of global integration and to the interplay between domestic institutions and international pressures. There will be scope for comparing national responses to the changing global economic system.

### GOVT2445

#### American Politics and Foreign Policy

**Credit points:** 6 **Teacher/Coordinator:** Dr Ben Goldsmith **Session:** Semester 2 **Classes:** 3 hours per week (may include a combination of lectures and tutorials) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2405 **Assessment:** Tutorial papers; essay; exam.

This unit will be an overview of the American political system and the formulation of foreign policy. It will cover the major Federal political institutions: the Presidency, the Congress, and the Supreme Court.

The unit will consider how foreign policy is made through the interaction of these institutions and with other elements of civil society. Finally, it will examine the outcome of this process - US foreign policy itself - with special emphasis on the post-Cold War period. We will seek to answer two key questions: (a) what is the influence of domestic politics on US foreign policy; and (b) how does the US system cope with the apparent contradictions between its ideals and the imperatives of global power?

### GOVT2552

#### Policy Analysis

**Credit points:** 6 **Teacher/Coordinator:** Dr Betsi Beem **Session:** Semester 1 **Classes:** 3 hours per week (may include a combination of lectures and tutorials) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2502 **Assessment:** Reading summaries; case study; participation; test.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit examines the nature of public policy and the processes which shape its content. Most of these processes apply across nation states, although they typically manifest themselves in nation-specific ways. First, the unit outlines the nature of public policy - dealing with such matters as definitions of policy and approaches to analysing public policy. These include the traditional 'policy cycle' approach, as well as alternative models based on rational choice, the roles of groups and networks, the nature of institutions and the power of socio-economic interests. Second, it examines the main building blocks of the policy process: actors, institutions, and policy instruments. Third, it examines key stages of the public policy process: notably problem definition, agenda setting, policy formation, decision making, implementation and evaluation. Examples are drawn from Australia and a range of countries throughout the world. Fourth, it examines policy-making in extreme, 'crisis' situations. Fifth, it turns its attention to Australian policy processes, focusing specifically on the areas of economic policy and indigenous affairs. Finally, it takes an overview of public policy processes in a global world, focusing on national policy-making autonomy in the context of globalisation, as well as challenges for the future. The unit is sufficiently flexible in terms of assessment, allowing students to concentrate on areas of interest.

### GOVT2557

#### Public Sector Management

**Credit points:** 6 **Teacher/Coordinator:** Dr Paul Fawcett **Session:** Semester 1 **Classes:** 3 hours per week (may include one or more of the following: lectures, seminars, tutorials or workshops) **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2507 **Assessment:** Essay; test; tutorial presentation

The organisation and structure of the public sector in Australia and other democracies has been transformed in recent years. This unit traces the outlines of this transformation and the debates that have accompanied it. Where should privatisation stop? How much of government can be "outsourced" or contracted out? Is permanent employment in the public service a relic of the past? Are there special ethical and public accountability requirements of public management that make it essentially different from the private sector? Topics include public sector human resource and financial management practices; relations between public organisations and the public; corporate governance practices in the public sector; commercialisation, corporatisation and privatisation; and parliamentary oversight and administrative law and their implications for the management process.

### GOVT2558

#### Government, Business and Society

**Credit points:** 6 **Teacher/Coordinator:** Dr John Mikler **Session:** Semester 2 **Classes:** 3 hrs per week (may include one or more of the following: lectures, seminars, tutorials or workshops) **Prerequisites:** 4 junior units of study **Assessment:** Exam; essay; case study; tutorial participation.

Modern businesses have new roles and responsibilities within the global economy and society. Understanding the relationships between government, business and society is therefore essential for students undertaking contemporary studies in the social sciences. This unit provides students with conceptual and practical tools that they can

use to examine the role of business in society, to explore the ways in which public policy shapes and constrains business decision-making and to understand the social and ethical responsibilities of business. The unit will introduce students to the political, social, regulatory, environmental and technological challenges facing businesses and the impact of the institutional diversity of organisations. The unit draws on Australian and international case study material.

### GOVT2611

#### Capitalism and Democracy in East Asia

**Credit points:** 6 **Teacher/Coordinator:** Dr James Reilly **Session:** Semester 1 **Classes:** 3 hrs per week: lectures, tutorials **Prerequisites:** 12 junior credit points in Government **Prohibitions:** GOVT2411 **Assessment:** Essay, oral presentation, exam, participation

This unit will shed light on the springs of change in politics and economics and their intersections in East Asia, which includes South Korea, Japan, Taiwan, China, Hong Kong, and Singapore. The unit examines the political and economic transformation in the region. Among the major issues considered are: Are East Asia's political institutions distinctive? How does economic change affect political power and the state? Will democratisation and globalisation undermine the distinctive traditions of the region?

### GOVT2801

#### Applied International Studies

**Credit points:** 6 **Teacher/Coordinator:** Dr John Brookfield **Session:** Semester 2 **Classes:** Three hour seminar per week **Prerequisites:** Four core junior BIntS units of study (GOVT1105, GOVT1202, ECOP1001, ECOP1003) **Assessment:** Short papers; simulation participation; policy brief; media release

*Note: This unit is only available to students enrolled in the Bachelor of International Studies*

This senior core unit is designed to build on the junior core units of the Bachelor of International Studies and to develop a deeper level of knowledge of international politics and economics, and to apply this knowledge to real-life problems in diverse policy environments. The unit introduces students to the relationship between international law and international politics and economics, and the fields of international law that are directly relevant to the unit's simulation topics. Students will apply theory to practice by taking part in simulations on key global 'Issues of the Day'. These will focus on the environment, human rights and humanitarian intervention, terrorism and international security, trade and development. Participation in the simulations will require students to engage in economic and political policy-making; analysis of input and output issues such as state and organisational strategies; negotiations; and managing diverse international teams. Skills developed will include decision-making under conditions of uncertainty; information literacy; communication and decision-making in small and large groups; and the writing of press releases and briefing documents.

### GOVT2802

#### International Studies Practicum

**Credit points:** 6 **Teacher/Coordinator:** Dr Michelle Savage **Session:** Semester 2 **Classes:** This unit is taught online **Prerequisites:** Four core junior BIntS units of study (GOVT1105, GOVT1202, ECOP1001, ECOP1003) **Assessment:** Research project; critical reflection report

*Note: This unit is only available to students enrolled in the Bachelor of International Studies.*

This senior core unit in the Bachelor of International Studies is designed to provide students with the opportunity to combine theoretical learning with hands-on experience in international studies. Students enrol in the unit in the second semester of their third year, while either studying abroad or engaged as an intern in a government or non-government organisation in Sydney, working on an internationally-focussed project. The unit is taught fully online, accessed via the Faculty's Blackboard site. The aim of the content and assessment is to develop research and critical reflection skills, culminating in a major research paper.

**GOVT2881****Government Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***GOVT2882****Government Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***GOVT2883****Government Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***GOVT2884****Government Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***GOVT2885****Government Exchange****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***GOVT2991****Political Analysis****Credit points:** 6 **Teacher/Coordinator:** Dr Peter Chen **Session:** Semester 1 **Classes:** 3 hours per week (may include a combination of lectures and tutorials) **Prerequisites:** Two junior Government units at the level of Credit or better, or with the consent of the Honours Coordinator, Dr Ariadne Vromen **Prohibitions:** GOVT2091 **Assessment:** Library research assignment; research design assignment; exam; Participation.*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit assists students enrolled in the honours program to develop the conceptual and practical skills they need to excel in any area of substantial political inquiry. An overview of political inquiry is presented through an examination of the diversity in theoretical and methodological approaches used by those who carry out political research. This includes looking at, for example, institutional, behavioural, discourse and feminist approaches in political inquiry, and the usage of quantitative and qualitative methods. The assessment is based around constructing research projects that can be utilised to answer current political questions.

*Textbooks*

David Marsh and Gerry Stoker 'Theory and Methods in Political Science', 2nd edition

**GOVT3993****Power****Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Rodney Smith **Session:** Semester 1 **Classes:** 3 hours per week (may include a combination of lectures and tutorials) **Prerequisites:** Two senior Government units and GOVT2991 (or 2091), each at the level of Credit or better, or with the consent of the Honours Coordinator, Dr Ariadne Vromen. **Prohibitions:** GOVT3991 **Assessment:** Essays; learning journal; participation.*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Power is the essential concept of political science, which is the systematic study of politics. Bertrand Russell, perhaps the greatest mind of the 20th Century, said power is the central concept of all the social sciences. Students explore this concept in different parts of political science and survey some debates on power, assessing the advantages and disadvantages of concepts of power. There are three themes in this unit. The first is the distribution of power in society. The second is power in comparative politics and the third is power in international relations. The emphasis is on the nature, sources and use of power.

*Textbooks*

Unit Reader will be available at the University Copy Centre

**GOVT3994****Research Preparation****Credit points:** 6 **Teacher/Coordinator:** Professor Rod Tiffen **Session:** Semester 2 **Classes:** 3 hours per week (may include a combination of lectures and tutorials) **Prerequisites:** Two senior Government units and GOVT2991 (or 2091), each at the level of Credit or better, or with the consent of the Honours Coordinator, Dr Ariadne Vromen. **Prohibitions:** GOVT3992 **Assessment:** Thesis prospectus; literature review; participation.*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit assists students to build towards a better fourth year honours dissertation. It considers the construction of a dissertation topic, planning the research, bibliographic searches, and writing the dissertation. The unit devotes a considerable amount of time to exercises designed to help students envisage their honours dissertation and plan fruitful lines of inquiry.

**GOVT4101****Government Honours A****Credit points:** 12 **Teacher/Coordinator:** Dr Susan Park **Session:** Semester 1, Semester 2 **Prerequisites:** Credit grades in two junior GOVT units, three senior GOVT units and GOVT2991 (or GOVT2091), GOVT3993 (or GOVT3991) and GOVT3994 (or GOVT3992). Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. **Corequisites:** Must enrol in GOVT4101, 4102, 4103, and 4104 **Assessment:** Essay, thesis, research seminar essays*Note: Department permission required for enrolment.*

Students work under individual supervision to prepare a bibliographic essay and an honours thesis. Students also take two seminars in areas such as political theory, Australian politics, comparative politics, international politics, public policy and administration. Candidates must enrol in GOVT4101, GOVT4102, GOVT4103 and GOVT4104 to complete the Honours degree.

**GOVT4102****Government Honours B****Credit points:** 12 **Teacher/Coordinator:** Dr Susan Park **Session:** Semester 1, Semester 2 **Prerequisites:** Credit grades in two junior GOVT units, three senior GOVT units and GOVT2991 (or GOVT2091), GOVT3993 (or GOVT3991) and GOVT3994 (or GOVT3992). Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. **Corequisites:** Must enrol in GOVT4101 and 4102 and 4103 and 4104

See GOVT4101

**GOVT4103****Government Honours C****Credit points:** 12 **Teacher/Coordinator:** Dr Susan Park **Session:** Semester 1, Semester 2 **Prerequisites:** Credit grades in two junior GOVT units, three senior GOVT units and GOVT2991 (or GOVT2091), GOVT3993 (or GOVT3991) and GOVT3994 (or GOVT3992). Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. **Corequisites:** Must enrol in GOVT4101, 4102, 4103, and 4104

See GOVT4101

**GOVT4104****Government Honours D****Credit points:** 12 **Teacher/Coordinator:** Dr Susan Park **Session:** Semester 1, Semester 2 **Prerequisites:** Credit grades in two junior GOVT units, three senior GOVT units and GOVT2991 (or GOVT2091), GOVT3993 (or GOVT3991) and GOVT3994 (or GOVT3992). Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. **Corequisites:** Must enrol in GOVT4101, 4102, 4103, and 4104

See GOVT4101

**Greek (Ancient)****GRKA1600****Introduction to Ancient Greek 1****Credit points:** 6 **Session:** Semester 1 **Classes:** three 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** GRKA1001, GRKA2611, GRKA2620 **Assessment:** weekly assignments and one 2 hour exam

This unit provides the essential linguistic foundation to the study of Greek literature, philosophy, culture, and history. It is meant for

students with no previous acquaintance with ancient Greek. The unit is valuable for all students interested in all aspects of European history, archaeology, language, literature and philosophy.

*Textbooks*

Mastrorade D. Introduction to Attic Greek. University of California Press 1993

### GRKA1601

#### Introduction to Ancient Greek 2

**Credit points:** 6 **Teacher/Coordinator:** Prof Eric Csapo **Session:** Semester 2 **Classes:** three 1 hour lectures and one 1 hour seminar per week **Prerequisites:** GRKA1600 or GRKA1001 **Prohibitions:** GRKA1002, GRKA2612, GRKA2621 **Assessment:** weekly assignments and one 2 hour exam

This unit builds upon the linguistic foundations provided by GRKA1600. It offers further study of Greek grammar combined with the reading of Greek authors in the original.

*Textbooks*

Mastrorade D. Introduction to Attic Greek. University of California Press 1993

### GRKA2600

#### Intermediate Greek 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Sebastiana Nervegna **Session:** Semester 1 **Classes:** three 1 hour lectures per week **Prerequisites:** HSC Greek or GRKA1601 or GRKA2621 or GRKA2612 or GRKA1002 **Prohibitions:** GRKA2603 **Assessment:** weekly assignments and one 2 hour exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit builds upon the linguistic foundations provided by GRKA1601 or GRKA2621. It completes the survey of Greek grammar and introduces students to the translation and detailed analysis of extended extracts from Classical authors.

### GRKA2601

#### Intermediate Greek 2

**Credit points:** 6 **Teacher/Coordinator:** Ms Frances Muecke **Session:** Semester 2 **Classes:** three 1 hour lectures per week **Prerequisites:** GRKA2600 or GRKA2603 **Assessment:** weekly assignments and one 2 hour exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit builds on acquired skills in the reading, translating and writing in Greek. The unit includes close reading of extended extracts from classics of Greek prose and poetry.

### GRKA2620

#### Reading Greek 1

**Credit points:** 6 **Session:** Semester 1 **Classes:** three 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** GRKA1600, GRKA1001, GRKA2611 **Assessment:** weekly assignments and one 2 hour exam

This unit is designed for senior students who wish to begin the study of ancient Greek. It provides the essential linguistic foundation to the study of Greek literature, philosophy, culture, and history. It is meant for students with no previous acquaintance with ancient Greek. The unit is valuable for all students interested in all aspects of European history, archaeology, language, literature and philosophy.

*Textbooks*

Mastrorade D. Introduction to Attic Greek. University of California Press 1993

### GRKA2621

#### Reading Greek 2

**Credit points:** 6 **Teacher/Coordinator:** Prof Eric Csapo **Session:** Semester 2 **Classes:** three 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** GRKA1600 or GRKA2603 or GRKA2611 or GRKA2620 **Prohibitions:** GRKA1601, GRKA1002, GRKA2612 **Assessment:** weekly assignments and one 2 hour exam

This unit is designed for senior students who wish to continue the study of ancient Greek. It offers further study of Greek grammar combined with the reading of Greek authors in the original.

*Textbooks*

Mastrorade D. Introduction to Attic Greek. University of California Press 1993

### GRKA2804

#### Greek (Ancient) Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GRKA2805

#### Greek (Ancient) Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### GRKA3600

#### Advanced Greek

**Credit points:** 6 **Session:** Semester 1 **Classes:** three 1 hour lectures per week **Prerequisites:** GRKA2601 or equivalent **Assessment:** weekly assignments and weekly tests

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit offers advanced study and practice in the literary language of ancient Greek. Particular emphasis will be given to the appreciation of Greek prose style through the analysis of Greek texts and through weekly exercises in Greek prose composition. Practice in unseen translation will hone the student's reading and comprehension skills in ancient Greek.

### GRKA3601

#### The Language of the Greek Bible

**Credit points:** 6 **Teacher/Coordinator:** Dr Peter Brown **Session:** Semester 2 **Classes:** three 1 hour lectures per week **Prerequisites:** GRKA2600 or equivalent; OR MGRK2675 and MGRK2676 **Assessment:** one 2000 word essay and 2 hour exam

*Note: Students wishing to do a Greek (Ancient) major or honours are advised to take this unit concurrently with GRKA2601. This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This is a unit designed for those who have already completed at least two terms of Greek, whether Ancient or New Testament. We will focus on extending grammatical knowledge and syntax, in addition to reading selections from a number of important biblical texts. Interpretation as well as translation will play a major part in the unit.

### GRKA3603

#### Greek Oratory and Historiography

**Credit points:** 6 **Teacher/Coordinator:** Prof Peter Wilson **Session:** Semester 1 **Classes:** three 1 hour lectures per week **Corequisites:** GRKA3600 or equivalent **Assessment:** one 2000 word essay and 2 hour exam

The histories of Herodotus, Thucydides and Xenophon and the speeches of Antiphon, Andocides, Lysias, Isocrates, Demosthenes, Aeschines, Lycurgus, and Demades are our primary sources for the political and social history of Athens and Greece in the fifth and fourth centuries BC. This unit offers a close reading of historical and rhetorical texts in the original Greek and a detailed analysis of the rhetorical and ideological construction of truth in Classical Athens.

### GRKA3605

#### Greek Drama

**Credit points:** 6 **Teacher/Coordinator:** Dr Sebastiana Nervegna **Session:** Semester 2 **Classes:** three 1 hour lectures per week **Prerequisites:** 18 GRKA credit points at 3000 level **Assessment:** one 2000 word essay and 2 hour exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

The works of Aeschylus, Sophocles, Euripides, Aristophanes and Menander have a performance tradition in antiquity of nearly a thousand years and remain the enduring classics of the modern theatre. This unit offers a close reading in the original Greek of one or more Greek plays and an introduction to the literary, social and performance contexts of the ancient theatre, its language and its genres.

## GRKA4011

### Greek Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Classes:** two seminars, each seminar meeting for 3 hours per week for one semester **Prerequisites:** Credit average in 42 senior credit points of Greek including two of GRKA3603, 3604, 3605, 3606 plus 6 additional senior credit points of Greek, Latin or Ancient History. **Assessment:** a thesis of 15,000 words, 6,000 words of written work or its equivalent for each seminar and one exam

*Note: Department permission required for enrolment.*

The Honours program in Greek (Ancient) consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for three hours for one semester
3. one unseen exam on a Greek text.

The thesis should be of 15,000 words in length. Each seminar requires 6,000 words of written work or it equivalent.

The thesis is worth 45% of the final Honours mark, each of the seminars is worth 22.5% and the unseen exam is worth 10%.

The following seminars are on offer in 2010:

Greek Oratory and Historiography (Prof Peter Wilson)

Greek Drama (Dr Sebastiana Nervegna)

For more information, contact Dr Alastair Blanshard, Honours coordinator.

## GRKA4012

### Greek Honours B

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to GRKA4011 **Corequisites:** GRKA4011 **Assessment:** Refer to GRKA4011

Refer to GRKA4011

## GRKA4013

### Greek Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to GRKA4011 **Corequisites:** GRKA4012 **Assessment:** Refer to GRKA4011

Refer to GRKA4011

## GRKA4014

### Greek Honours D

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to GRKA4011 **Corequisites:** GRKA4013 **Assessment:** Refer to GRKA4011

Refer to GRKA4011

## Hebrew (Classical)

### HBRW1111

#### Hebrew Classical B1

**Credit points:** 6 **Teacher/Coordinator:** Dr Young **Session:** Semester 1 **Classes:** 4 hours per week **Prohibitions:** HBRW1311, HBRW2631 **Assessment:** 2 hour exam (50%), continuous assessment (40%), class participation (10%).

This unit, for those beginning the study of Hebrew, brings students from their first acquaintance with the Hebrew alphabet to an understanding of the Hebrew language. The unit is devoted to the study of the grammar and the principles of translation.

*Textbooks*

Contact the department.

### HBRW1112

#### Hebrew Classical B2

**Credit points:** 6 **Teacher/Coordinator:** Dr Young **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** HBRW1111 **Prohibitions:** HBRW1312, HBRW2632 **Assessment:** 2 hour exam (50%), continuous assessment (40%), class participation (10%).

This unit continues the study of grammar and classical Hebrew (Biblical) texts, as follows: grammar (2 hours per week), classical text (2 hours per week).

*Textbooks*

Contact the department

Selections from the Hebrew Bible (T'nach) for reading

### HBRW2625

#### Hebrew Classical 5

**Credit points:** 6 **Teacher/Coordinator:** Dr Young **Session:** Semester 1 **Classes:** 4 hours per week **Prerequisites:** HBRW1112 or HBRW2632 or HBRW2402 or HSC Hebrew or equivalent **Prohibitions:** HBRW2115 **Assessment:** 2 hour exam (60%), continuous assessment and class preparation (20%), 1500 word essay (20%).

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

The books of the Hebrew Bible are studied in the light of their setting and composition history. The course consists of: set classical texts (2 hours); and special background area study: The history of Hebrew down to 600 BCE (2 hours).

### HBRW2626

#### Hebrew Classical 6

**Credit points:** 6 **Teacher/Coordinator:** Dr Young **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** HBRW1112 or HBRW2632 or HSC Hebrew or equivalent **Prohibitions:** HBRW2116 **Assessment:** 2 hour exam (60%), continuous assessment and class preparation (20%), 1500 word essay (20%).

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

The books of the Hebrew Bible are studied in the light of their setting and composition history. The course consists of: set classical texts (2 hours); and special background area study: (2 hours).

### HBRW2631

#### Hebrew Accelerated C1

**Credit points:** 6 **Teacher/Coordinator:** Dr Young **Session:** Semester 1 **Classes:** 4 hours per week **Prerequisites:** 18 Junior credit points including 12 credit points in a subject area from the School of Archaeology, Classics and Ancient History or from the Department of Hebrew, Biblical and Jewish Studies or from the Department of Arabic and Islamic Studies **Corequisites:** 6 senior credit points in a subject area from the School of Archaeology, Classics and Ancient History or from the Department of Hebrew, Biblical and Jewish Studies or from the Department of Arabic and Islamic Studies. **Prohibitions:** HBRW1111, HBRW1112, HBRW2401 **Assessment:** 2 hour exam (50%), continuous assessment (40%), class participation (10%).

An introduction to Hebrew language for those whose existing corequisite units of study require a basic language ability. It is taught concurrently with the existing Hebrew B-stream.

### HBRW2632

#### Hebrew Accelerated C2

**Credit points:** 6 **Teacher/Coordinator:** Dr Young **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** HBRW2401 or HBRW2631 **Prohibitions:** HBRW1112, HBRW2402 **Assessment:** 2 hour exam (50%), continuous assessment (40%), class participation (10%).

This unit brings students to a level necessary for the study of Hebrew at an advanced level. It forms a bridge between Hebrew Accelerated C1 and other senior Hebrew units.

### HBRW2643

#### Aramaic 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Young **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** HBRW1112 or HBRW2632 or HBRW2402 or HSC Hebrew or equivalent. **Prohibitions:** HBRW3901 **Assessment:** 2 hour exam (50%), 2500 word essay (30%), continuous assessment and class preparation (20%).

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit of study investigates the language, background and text history of the principal witnesses to Biblical Aramaic, the Books of Daniel and Ezra.



**HBRW2644****Aramaic 4**

**Credit points:** 6 **Teacher/Coordinator:** Dr Young **Session:** Semester 2  
**Classes:** 2 hours per week **Prerequisites:** HBRW1112 or HBRW2632 or HSC Hebrew equivalent **Prohibitions:** HBRW3902 **Assessment:** 2 hour exam (50%), 2500 word essay (30%), continuous assessment and class preparation (20%).

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit introduces students to non-Biblical Aramaic dialects such as Old Aramaic, Elephantine Papyri, Dead Sea Scrolls and Targumim.

**HBRW2651****Syriac 1**

**Credit points:** 6 **Teacher/Coordinator:** Prof Ebied **Session:** Semester 1  
**Classes:** 2 hours per week **Prerequisites:** HBRW1112 or HBRW2402 or HBRW2632 or HSC Hebrew or equivalent **Prohibitions:** HBRW2911  
**Assessment:** 2 hour exam (60%), weekly assignments, exercises and class participation (40%).

*Note: Department permission required for enrolment.*

For those beginning the study of Syriac this is a preparation for more advanced study of Syriac language and literature. It concentrates on the study of elementary Syriac grammar, prose composition and an introductory study of selections of texts from the Old and New Testament Peshitta.

*Textbooks*

Robinson, T.H., *Paradigms and Exercises in Syriac Grammar*, rev.edn. by L.H. Brockington, Oxford, OUP

**HBRW2652****Syriac 2**

**Credit points:** 6 **Teacher/Coordinator:** Prof Ebied **Session:** Semester 2  
**Classes:** 2 hours per week **Prerequisites:** HBRW2911 or HBRW2651  
**Prohibitions:** HBRW2912 **Assessment:** 2 hour exam (60%), weekly assignments, exercises and class participation (40%).

*Note: Department permission required for enrolment.*

This unit builds on the foundation of Syriac 1. It concentrates on the study of advanced Syriac prose composition and selections of texts from the Old and New Testament Peshitta.

**HBRW2801****Hebrew (Classical) In-Country Study A**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HBRW2802****Hebrew (Classical) In-Country Study B**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HBRW3653****Syriac 3**

**Credit points:** 6 **Teacher/Coordinator:** Prof Ebied **Session:** Semester 1  
**Classes:** 2 hours per week **Prerequisites:** HBRW2912 or HBRW2652  
**Prohibitions:** HBRW3911 **Assessment:** 2 hour exam (50%), 2500 word essay (30%), continuous assessment (20%).

*Note: Department permission required for enrolment.*

This unit continues the study of Syriac texts begun in Syriac 1 and 2. This unit concentrates on the study of selections of advanced Syriac Peshitta, Patristic texts, etc.

**HBRW3654****Syriac 4**

**Credit points:** 6 **Teacher/Coordinator:** Prof Ebied **Session:** Semester 2  
**Classes:** 2 hours per week **Prerequisites:** HBRW3911 or HBRW3653  
**Prohibitions:** HBRW3912 **Assessment:** 2 hour exam (50%), 2500 word essay (30%), continuous assessment (20%).

*Note: Department permission required for enrolment.*

This unit builds on the foundation of Syriac 3. This unit concentrates on the study of more advanced Syriac Patristic and Hagiographical texts, etc., as well as a brief survey of the history of Syriac literature.

**HBRW4011****Hebrew (Classical) Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr Ian Young **Session:** Semester 1, Semester 2  
**Classes:** Four seminars, two per semester, each two hours per week **Prerequisites:** 48 senior credit points consisting of: (HBRW2113 or HBRW2623) and (HBRW2114 or HBRW2624) and (HBRW2115 or HBRW2625) and (HBRW2116 or HBRW2626); and 24 credit points from the department of Hebrew, Biblical and Jewish Studies including at least 12 credit points from HBRW units. **Assessment:** A thesis of 12000-15000 words in length and 3000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Classical Hebrew consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. four seminars that meet weekly for two hours for one semester.

The thesis should be of 12000-15000 words in length. Each seminar requires 3000 words of written work or its equivalent.

The thesis is worth 40% of the final Honours mark and each of the seminars is worth 15%.

The following seminars are on offer in 2010:

Megillot I: Lamentations, Song of Songs and Ruth (Prof Alan Crown)

Ugaritic (Ms Lucy Davey)

Megillot II: Qoheleth and Esther (Dr Ian Young)

Samaritan Hebrew (Prof Alan Crown)

For more information, contact Dr Ian Young, Honours coordinator.

**HBRW4012****Hebrew (Classical) Honours B**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** HBRW4011

Refer to HBRW4011

**HBRW4013****Hebrew (Classical) Honours C**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** HBRW4012

Refer to HBRW4011

**HBRW4014****Hebrew (Classical) Honours D**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** HBRW4013

Refer to HBRW4011

**Hebrew (Modern)****HBRW1011****Hebrew Modern B1**

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 1  
**Classes:** 4 hours per week **Assessment:** Mid-semester exam (30%), final exam (35%), continuous assessment and class preparation (35%).

This unit provides an introduction to Modern Hebrew. It is intended for students who have little or no previous knowledge and practice of the language. The unit will foster the development of oral communication skills relating to everyday topics. It will include learning the Hebrew alphabet and basic reading and writing skills as well as the introduction of basic vocabulary and language functions. It is imperative that all prospective students contact the coordinator to arrange for a placement test upon enrolment.

*Textbooks*

Chayat, S., Israeli, S., Kobliner, H. (2007) *Hebrew from Scratch, Part I* (new edition) Academon, Jerusalem

Lauden, E., Weinbach, L. (1993) *Multi-Dictionary: Bilingual Learners' Dictionary*, AD, Tel Aviv

HBRW1011, *Hebrew Alphabet Booklet 2009*, University of Sydney Copy Centre

**HBRW1102****Hebrew Modern B2**

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 2  
**Classes:** 4 hours per week **Prerequisites:** HBRW1011 or equivalent knowledge as determined by the department **Prohibitions:** HBRW1302 **Assessment:**

Mid-semester exam (30%), final exam (35%), continuous assessment and class preparation (35%).

This unit is an extension of the work done in HBRW1011 (B1). It will further develop the language skills acquired in B1. This unit involves a range of learning styles that will assist you to further develop and consolidate your listening, speaking, reading and writing skills.

*Textbooks*

Chayat, S., Israeli, S., Kobliner, H. (2007), Hebrew from Scratch, Part I (new edition) Academon, Jerusalem  
Lauden, E., Weinbach, L. (1993), Multi-Dictionary: Bilingual Learners' Dictionary, AD, Tel Aviv

**HBRW2603**  
**Hebrew Modern 3**

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 1  
**Classes:** 4 hours per week **Prerequisites:** HBRW1102 or equivalent knowledge as determined by the department **Prohibitions:** HBRW2103 **Assessment:** Mid-semester exam (30%), final exam (35%), continuous assessment and class preparation (35%).

This unit is an extension of the work done in HBRW1102. It consists of an intensive study of spoken Modern Hebrew with emphasis on communicative skills that will enable students to communicate in simple Hebrew for everyday situations. Simple literary texts and language components, which are orientated around relevant themes, are dealt with. A variety of different methods will be used to explain grammatical structures, morphology and syntax and to provide examples in their use.

*Textbooks*

Chayat, S., Israeli S, Kobliner H. (2007) Hebrew from Scratch. Part I (new edition) Academon, Jerusalem  
Lauden E, Weinbach L. (1993) Multi Dictionary: Bilingual Learners' Dictionary, AD, Tel Aviv

**HBRW2604**  
**Hebrew Modern 4**

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 2  
**Classes:** 4 hours per week **Prerequisites:** HBRW2603 or equivalent knowledge as determined by the department **Prohibitions:** HBRW2104 **Assessment:** Mid-semester exam (30%), final exam (35%), continuous assessment and class preparation (35%).

This unit is an extension of the work done in HBRW2603. It uses a communicative approach to language learning. Students' active participation through teamwork, role-playing and other interactive techniques is an essential aspect of all classes. It is expected that by the end of this unit students will be able to take part in simple everyday Hebrew conversation.

*Textbooks*

Chayat, S., Israeli, S., Kobliner, H. (2007) Hebrew from Scratch, Part I (new edition) Academon, Jerusalem  
Lauden, E., Weinbach, L. (1993) Multi-Dictionary: Bilingual Learners' Dictionary, AD, Tel Aviv

**HBRW2605**  
**Hebrew Modern 5**

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 1  
**Classes:** 4 hours per week **Prerequisites:** HBRW2604 or equivalent knowledge as determined by the department **Prohibitions:** HBRW2105 **Assessment:** Mid-semester exam (30%), final exam (35%), continuous assessment and class preparation (35%).

This unit picks up from HBRW2604. It covers language skills and knowledge of Level Beit. In addition to consolidating and further developing spoken communication and writing skills, this unit will introduce the student to a variety of Modern Hebrew texts such as poems, songs, short stories and newspaper articles as well as some Classical Hebrew texts.

*Textbooks*

Chayat, S., Israeli, S., Kobliner, H. (2001) Hebrew from Scratch Part II, Academon, Jerusalem  
Lauden, E., Weinbach, L. (1993) Multi-Dictionary: Bilingual Learners' Dictionary, AD Tel Aviv

**HBRW2606**  
**Hebrew Modern 6**

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 2  
**Classes:** 4 hours per week **Prerequisites:** HBRW2605 or equivalent knowledge as determined by the department **Prohibitions:** HBRW2106 **Assessment:** Mid-semester exam (30%), final exam (35%), continuous assessment and class preparation (25%), oral presentations (10%).

This unit is an extension of the work done in HBRW2605. By the end of the unit, students will be able to converse confidently in everyday Hebrew. As well, this unit is designed to enable students who wish to continue learning Modern Hebrew to make the transition into HBRW2607 and HBRW2608.

*Textbooks*

Chayat, S., Israeli, S., Kobliner, H. (2001) Hebrew from Scratch Part II, Academon, Jerusalem  
Lauden, E., Weinbach, L. (1993) Multi-Dictionary: Bilingual Learners' Dictionary, AD, Tel Aviv

**HBRW2607**  
**Hebrew Modern 7**

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 1  
**Classes:** 4 hours per week **Prerequisites:** HBRW2106 or HBRW2606 or Modern Hebrew HSC or equivalent knowledge as determined by the department **Prohibitions:** HBRW1301 **Assessment:** Mid-semester exam (30%), final exam (30%), oral presentations (10%), continuous assessment and class preparation (30%).

This unit picks up from HBRW2606. Students will develop their speaking fluency while improving their grammar and usage. The ability to read a variety of Modern Hebrew texts, including newspaper articles, short stories, poems and other literary texts, which reflect socio-cultural issues from the 19th century to the present time, will be further developed.

Special significance is attached to this unit. Upon its completion, students are eligible to be considered for admission to regular studies at the Hebrew University.

*Textbooks*

Cohen, M. (1992) Hebrew, what a Language (Agada shel Safa), Academon, Jerusalem  
Weyl, T., Farstei, H. (1996) HaPo'al le-Lomdei Ivrit (Ramot Gimel Dalet), Academon, Jerusalem  
Liebrecht, S. (1997) Shlosha Sipurim, Geshar series, Jerusalem  
Lauden, E., Weinbach, L. (1993) Multi-Dictionary: Bilingual Learners' Dictionary, AD, Tel Aviv

**HBRW2608**  
**Hebrew Modern 8**

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 2  
**Classes:** 4 hours per week **Prerequisites:** HBRW1301 or HBRW2607 or equivalent knowledge as determined by the department **Prohibitions:** HBRW1302 **Assessment:** Mid-semester exam (30%), final exam (30%), oral presentations (10%), continuous assessment and class preparation (30%).

This unit is an extension of HBRW2607. Students will further improve their communicative skills while consolidating their grammatical knowledge. Special significance is attached to this unit. Upon its completion, students are eligible to be considered for admission to regular studies at the Hebrew University.

*Textbooks*

Cohen, M. (1992) Hebrew, what a Language (Agada shel Safa), Academon, Jerusalem  
Weyl, T., Farstei, H. (1996) HaPo'al le-Lomdei Ivrit (Ramot Gimel Dalet), Academon, Jerusalem  
Gedalia, A. ha'Ed ha'Acharon. Geshar series, Jerusalem  
Lauden, E., Weinbach, L. (1993) Multi-Dictionary: Bilingual Learners' Dictionary, AD, Tel Aviv

**HBRW2609**  
**Hebrew Modern 9**

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 1  
**Classes:** 4 hours per week **Prerequisites:** HBRW1302 or HBRW2608 or equivalent knowledge as determined by the department **Prohibitions:** HBRW2303 **Assessment:** Mid-semester exam (20%), final exam (25%), 750 word essay (20%), continuous assessment and class preparation (35%).

This unit picks up from HBRW2608. It is an intensive language-learning program covering Level Dalet. It is based both on communicative

(speaking, listening) and writing (reading, writing) skills. Through using the Hebrew language in a range of contexts, students will further extend and develop their communicative skills. As well, they will be introduced to contemporary texts that reflect socio-cultural issues of Israeli society over the last two centuries.

#### Textbooks

Omlinsky, B., Weiss, Y. (2006) Ivrit be-Dalet Amot, Academon, Jerusalem  
Weyl, T., Farstei, H. (1996) HaPo'al le-Lomdei Ivrit (Ramot Gimel Dalet), Academon, Jerusalem  
Amir, E. Tarnegol Kaparot. Geshet series, Jerusalem  
Lauden, E., Weinbach, L. (1993) Multi-Dictionary: Bilingual Learners' Dictionary, AD, Tel Aviv

### HBRW2610

#### Hebrew Modern 10

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 2  
**Classes:** 4 hours per week **Prerequisites:** HBRW1302 or HBRW2609 or equivalent knowledge as determined by the department **Prohibitions:** HBRW2304 **Assessment:** Mid-semester exam (20%), final exam (25%), 750 word essay (20%), continuous assessment and class preparation (35%).

This unit is an extension of HBRW2609. It further develops, enhances and extends students' good knowledge of Modern Hebrew. It is based on communicative (speaking, listening) and writing (reading, writing) skills.

#### Textbooks

Omlinsky, B., Weiss, Y. (2006) Ivrit be-Dalet Amot, Academon, Jerusalem  
Weyl, T., Farstei, H. (1996) HaPo'al le-Lomdei Ivrit (Ramot Gimel Dalet), Academon, Jerusalem  
Yehoshua, A.B., Shlosa Yamim veYeled, Geshet series: Jerusalem  
Lauden, E., Weinbach, L. (1993) Multi-Dictionary: Bilingual Learners' Dictionary, AD, Tel Aviv

### HBRW2611

#### Hebrew Modern 11

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 1  
**Classes:** 4 hours per week **Prerequisites:** HBRW2610 or equivalent knowledge as determined by the department **Prohibitions:** HBRW2305 **Assessment:** Mid-semester exam (20%), final exam (25%), 1000 word essay (20%), continuous assessment and class preparation (35%).

This unit is an extension of HBRW2610 and it covers Level Hey. Through using the Hebrew language in a range of contexts, students will have the opportunity to fine-tune their knowledge and usage of the language. As well, they will further extend and develop their understanding of the way in which various functions of the language come together. In addition, they will read and analyse contemporary literature and poetry, which reflect socio-cultural issues of Israeli society.

#### Textbooks

Barak, S., Simons, E. (1990) Kadima Hey. Academon, Jerusalem  
Baras, N., Delshad, E. (2007) HaPo'al le-Mitkadmim. Academon, Jerusalem  
Baras, N., Delshad, E. (2000) Tachbir le-Mitkadmim (Ramah Heh). Academon, Jerusalem  
Shahar, D. Al haHalomot (Concerning Dreams), Geshet series  
Lauden, E., Weinbach, L. (1993) Multi-Dictionary: Bilingual Learners' Dictionary, AD, Tel Aviv

### HBRW2612

#### Hebrew Modern 12

**Credit points:** 6 **Teacher/Coordinator:** Ms Gilead **Session:** Semester 2  
**Classes:** 4 hours per week **Prerequisites:** HBRW1302 or HBRW2611 or equivalent knowledge as determined by the department **Prohibitions:** HBRW2306 **Assessment:** Mid-semester exam (20%), final exam (25%), 1000 word essay (20%), continuous assessment and class preparation (35%).

This unit is an extension of HBRW2611. It offers an opportunity for in-depth examination of the linguistic functions of Modern Hebrew as they are manifested in literature and poetry. Through using the Hebrew language in a range of contexts, students will further extend and develop their understanding of the way in which various patterns of the language come together. As well, they will be introduced to contemporary texts, which reflect socio-cultural issues of Israeli society.

#### Textbooks

Barak, S., Simons, E. (1990) Kadima Hey. Academon, Jerusalem  
Baras, N., Delshad, E. (2007) HaPo'al le-Mitkadmim. Academon, Jerusalem  
Baras, N., Delshad, E. (2000) Tachbir le-Mitkadmim (Ramah Heh). Academon, Jerusalem

Oz, A. Har haEitza haRa'a Geshet series

Lauden, E., Weinbach, L. (1993) Multi-Dictionary: Bilingual Learners' Dictionary, AD, Tel Aviv

### HBRW4021

#### Hebrew (Modern) Honours A

**Credit points:** 12 **Teacher/Coordinator:** Ms Yona Gilead **Session:** Semester 1, Semester 2 **Classes:** Two seminars per semester meeting weekly for 2 hours each **Prerequisites:** Credit or better at 36 credit points of Modern Hebrew from among HBRW2605 to HBRW2612 **Assessment:** A thesis of 10000 words (in Hebrew) or 12000 words (in English) and 2500-3500 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Modern Hebrew consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. four seminars that meet weekly for two hours for one semester.

The thesis should be of 10000 words in length if written in Hebrew or 12000 words in length if written in English. Each seminar requires 2500-3500 words of written work or its equivalent.

The thesis is worth 40% of the final Honours mark and each of the seminars is worth 15%.

Seminars will be offered from the following list in 2010:

'Language in use' as reflected in MH Discourse I

The Representation of Major Historical Events in Modern Hebrew Discourse

'Language in use' as reflected in MH Discourse II

The Representation of the Human Landscape of Jerusalem

For more information, contact Yona Gilead, Honours coordinator.

### HBRW4022

#### Hebrew (Modern) Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** HBRW4021

See HBRW4021

### HBRW4023

#### Hebrew (Modern) Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** HBRW4022

See HBRW4021

### HBRW4024

#### Hebrew (Modern) Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** HBRW4023

See HBRW4021

## Heritage Studies

### HRTG2601

#### Approaching Heritage Studies

**Credit points:** 6 **Teacher/Coordinator:** Dr Annie Clarke **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** At least 18 junior credit points **Prohibitions:** HRTG2001 **Assessment:** one 2000 word essay, one 2500 word project report

This unit of study examines the historical, theoretical and political issues associated with the interpretation of cultural heritage, historic sites and landscapes. Students are offered an overview of the heritage industry and Heritage Studies. This unit of study engages with policies, and associated professional practices such as conservation and preservation and their impacts on culture and community. Issues specific to Australia such as Indigenous land claims are examined in the context of international debates.

### HRTG2602

#### The Museum and Cultural Heritage

**Credit points:** 6 **Teacher/Coordinator:** Dr Annie Clarke **Session:** Semester 2 **Classes:** one 3 hour lecture per week **Prerequisites:** HRTG2001 or HRTG2601 or ARHT2034 or ARHT2634 **Prohibitions:** HSTY2022 **Assessment:** one 2000 word essay, one tutorial presentation and one 2000 word tutorial paper

The Museum and Cultural Heritage provides an historical, theoretical and political overview of the development of museums as they relate to the collection and display of cultural heritage. This unit of study introduces key debates on the historical development of the museum as an idea and as an institution. The social and cultural roles of museums and relationships between the identification of cultural heritage, its interpretation and display will be examined.

**HRTG2804****Heritage Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HRTG2805****Heritage Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HRTG2806****Heritage Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HRTG2809****Heritage Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HRTG2810****Heritage Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HRTG3601****Heritage Museums and the Public Sphere**

**Credit points:** 6 **Teacher/Coordinator:** Dr Annie Clarke **Session:** Semester 1 **Classes:** one 2 hour seminar per week **Prerequisites:** HRTG2001 or HRTG2601 or ARHT2034 or ARHT2634 **Prohibitions:** HRTG3001 **Assessment:** one 3000 word essay, seminar presentation and one 3000 word seminar paper

This unit of study examines the relationship between heritage and the public. It considers the way in which the study of heritage sites and cultural material are used to construct public culture and public history. The birth of the modern museum as a public space, which houses the cultural heritage of communities and nations, will also be considered.

**Hindi-Urdu (Major may not be available)****HIUR3601****Hindi and Urdu Advanced 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Mark Allon **Session:** Semester 1 **Classes:** 4 hours per week **Prerequisites:** HIUR2002 or HIUR2602 or equivalent **Prohibitions:** HIUR3001 **Assessment:** Classwork (equivalent to 2700 words), exam (equivalent to 1800 words).

This unit will concentrate on advanced oral, aural and written language skills. Students will be expected to write short essays in Hindi-Urdu relevant to the reading component of the unit.

**HIUR3602****Hindi and Urdu Advanced 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Mark Allon **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** HIUR3001 or HIUR3601 or equivalent **Prohibitions:** HIUR3002 **Assessment:** Classwork (equivalent to 2700 words), exam (equivalent to 1800 words).

This unit is an extension of work done in HIUR3601.

**History****HSTY1025****The Middle Ages**

**Credit points:** 6 **Teacher/Coordinator:** Dr Julie Smith **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Assessment:** two 1500 word essays (30% each), one 1500 word exam (40%)

The Middle Ages transformed European civilization, shaping social relations and institutions in ways that still resonate today. Surveying key moments of this period, we will study themes such as the Christianisation of England, the rise of Islam and its impact on the Mediterranean, the history of Vikings, the evolution of feudal relations, the growth of towns, universities and intellectual life, the creation of a courtly world of romance and chivalry, the Crusades, and the deadly threat of inquisitions and plagues.

**HSTY1031****Renaissance and Reformation (1498-1648)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrew Fitzmaurice **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Assessment:** One 2500 word essay (50%), one 2 hour exam (40%), and participation (10%)

Starting with the brilliant culture of Renaissance Italy, with its courts, despots, republics, courtiers, diplomats, with its humanists, artists and their patrons, the course will then move to the religious, political, social and cultural revolution known as the Reformation, with its great theologians, preachers and writers like Luther, Calvin, More and Montaigne. Throughout the semester, attention will be paid to both 'high' and popular culture. The course will conclude with an examination of how these forces were played out in the English Revolution. Attention will also be given to Europe's 'discovery' and conquest of the New World.

**HSTY1044****Twentieth Century Europe**

**Credit points:** 6 **Teacher/Coordinator:** Dr Chris Hilliard **Session:** Semester 2 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** HSTY1043 **Assessment:** one 2500 word research essay (50%), one 2 hour exam (40%) and tutorial participation (10%)

This unit surveys Europe's twentieth century, examining the First World War, the Russian Revolution, fascism, the cultural ferment of the interwar years, the Second World War and the Holocaust, European empires and decolonization, Cold War culture and politics, and European unification. The transformations of the twentieth century took place in many different spheres of human existence, and this unit introduces students to some of the varieties of history and the diverse ways historians approach the past.

**HSTY1045****Modern European History 1750-1914**

**Credit points:** 6 **Teacher/Coordinator:** Dr Dirk Moses **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Assessment:** one 1000 word short essay (20%), one 2000 word long essay (40%), one 1 hour exam (30%) and participation (10%)

This unit covers the dramatic changes in European life that marked the transition from pre-modern to modern societies. We will see that these changes emancipated many Europeans from legal and physical burdens while creating many new ones of their own. The catastrophes of the twentieth century have their roots in the period we examine, a period that culminated in the First World War and the spectacular explosion of the ideals of material and moral progress that had animated bourgeois elites. In particular, we discuss the transformations that took place in the key areas of human activity: politics and ideology; family life; work and technology; religious belief; colonialism; social class.

**HSTY1076****American History from Lincoln to Clinton**

**Credit points:** 6 **Teacher/Coordinator:** Dr Clare Corbould **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** HSTY2035 **Assessment:** one 500 word tutorial paper (15%), one 1750 word

essay (40%), one group tutorial presentation (equivalent to 250 words) (5%), one 2 hour exam (30%), and tutorial participation (10%)

This unit examines the United States in the years in which Americans felt their society, culture, politics, and individual and national identities, were taking new, 'modern' forms. It offers insights into a nation that is one of the principal forces shaping the world in which we live. We will explore topics such as the rise and fall of racial segregation, immigration, social reform movements, mass consumer culture, sexual revolution, and the changing stance of the United States in the world.

### HSTY1089

#### Australia: Colonies to Nation

**Credit points:** 6 **Teacher/Coordinator:** Prof Richard Waterhouse **Session:** Semester 2 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Assessment:** research essay (50%), sit-down exam (35%), tutorial participation (15%)

Was Australia the peacefully settled 'quiet continent'? First, this unit examines convict society, frontier conflict, the impact of gold, the emergence of cosmopolitan cities and the campaigns for responsible government. Second, it maps the creation of a nation state in the period after 1880, involving constitutional and political changes, the creation of foundation stories, the impact of war, and changing relations between settler and Indigenous Australians. Finally, we chart the nation's cultural, political and economic transformation into a modern, (and post colonial) society after 1945.

### HSTY1090

#### History of Chinese Culture

**Credit points:** 6 **Teacher/Coordinator:** Prof Helen Dunstan **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** ASNS1101 **Assessment:** one 1500 word essay based on tutorial readings (30%), one 1500 word essay based on additional reading (35%), informal writing assignments (equivalent to 1500 words) (20%), tutorial participation (15%)

Images of Chinese culture abound, from tiny female foot to endless Wall. This unit of study takes a historical approach to understanding Chinese culture, from its beginnings until recent times. We investigate the diverse evidence on which historians' understanding is based, sampling it in translation. We both look at some big questions and make time for ordinary people's lives. We explore how, historically, Chinese people have viewed government, society, writing, gender, foreign influences, death, the human person, and conformity.

### HSTY1801

#### History Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

### HSTY1802

#### History Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

### HSTY2604

#### Popular Culture in Australia 1850-1945

**Credit points:** 6 **Teacher/Coordinator:** Prof Richard Waterhouse **Session:** Semester 1, Winter Main **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Prohibitions:** HSTY2004 **Assessment:** one 3000 word essay (50%) and either one 1500 word tutorial paper or one 1.5 hour exam (35%), participation (15%)

Between 1850 and 1945, a modern culture emerged from a collection of disparate colonies and people. Focusing on everyday life and new forms of popular culture, this unit follows the threads of modernity, gender and nationalism through this formative half-century. Popular stereotypes of Australian men and women evolved from society's engagement with new notions of time and space, urban and rural culture, modernism high and low, changing sexual and family politics, and all the seductive attractions of modern life.

### HSTY2605

#### Contemporary Europe

**Credit points:** 6 **Teacher/Coordinator:** Prof Glenda Sluga **Session:** Semester 1, Winter Main **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Prohibitions:** HSTY2005 **Assessment:** one 500 word tutorial exercise (15%), one 2500 word research essay (40%), one 1500 word exam (30%), tutorial participation (15%)

In the 21st century Europe is economically, politically, and culturally, the most dynamic continent on earth. But it also remains a continent replete with paradox. This unit surveys Europe's contemporary history since WWII, from its status as the pariah continent, to the forefront of thinking and planning on issues as diverse as democracy, diversity, social justice, climate change, and international cooperation. The unit draws on film as well as current news, and themes such as war, peace, memory, multiculturalism.

### HSTY2608

#### European Film and History

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Judith Keene **Session:** Semester 1, Summer Main **Classes:** one lecture, one tutorial and one screening per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Prohibitions:** HSTY2008 **Assessment:** one 500 word tutorial paper; one 2000 word essay; one 2000 word take-home exam

Using a number of significant films from across the continent of Europe, the unit examines the way in which films can both create the past and transform existing ideas about the past. The unit examines a range of different kinds of films: "historical" films which set out self-consciously to construct a version of the past as well as those in which film-makers have confronted the contemporary problems of their own society.

### HSTY2614

#### Australian Social History

**Credit points:** 6 **Teacher/Coordinator:** Mr Richard White and Dr Kirsten McKenzie **Session:** Semester 2, Summer Main **Classes:** two 1 hour lectures and one 1 hour tutorial a week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Prohibitions:** HSTY2014 **Assessment:** one 3000 word essay and either 1500 word tutorial paper or one 1.5 hour exam

The twentieth century has seen major transformations in Australian society. From the aftermath of the Great War, the unit follows the traumas of Depression and World War II, into periods of less dramatic but still profound change: the post-war boom through the Menzies years, the threats posed by the Cold War, the Bomb and the discovery of the teenager, the impact of immigration, the 1960s, the Whitlam government, the Hawke-Keating years and life in the 1990s.

### HSTY2621

#### China's Economy: From Mao to Market

**Credit points:** 6 **Teacher/Coordinator:** Prof John Wong **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Prohibitions:** HSTY2021 **Assessment:** one 2000 word essay (plus draft), one 2000 word take-home exam and class participation

Mao tried to forestall future foreign 'naked aggression' such as the Opium Wars by adopting a planned economy, pushing China to the verge of bankruptcy. Deng took onboard in 1978 the concept of Greater China, in which the complementary economies of Mainland China, Taiwan, Hong Kong, Macao, Singapore, and expatriates contribute to China's development. This unit examines the theory and practice of Greater China, which has made China the world's third largest economy.

### HSTY2622

#### The Opium Wars in China (1839-1860)

**Credit points:** 6 **Teacher/Coordinator:** Prof John Wong **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Prohibitions:** HSTY2021 **Assessment:** one 2000 word essay (plus draft), one 2000 word take-home exam and class participation

The Opium Wars (1839-60) 'opened' China. But scholars strongly disagree on their causation. US President Adams blamed the Chinese

kowtow; Lord Palmerston, Chinese insults; Morse, cultural clashes; Oxbridge Professors Gallagher/Robinson, free trade imperialism; Galbraith/Fieldhouse, periphery/centre; Caine/Hopkins, gentlemanly capitalism; Harvard Professor Fairbank, Chinese tributary system; CalTech Professor Fay: reparation of seized property; Toronto Professor Hevia, English lessons; Chinese historians, naked aggression. This unit critically examines these and other interpretations against primary sources whereby students will arrive at their independent conclusions.

### HSTY2625

#### Culture and Society in Modern Britain

**Credit points:** 6 **Teacher/Coordinator:** Dr Chris Hilliard **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial a week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Prohibitions:** HSTY2025 **Assessment:** one 2500 word essay (45%), one 2 hour formal exam (45%), tutorial participation (10%)

This unit explores the social and cultural transformations Britain has undergone from the mid-nineteenth century to the present--and the ways contemporary commentators and critics made sense of them. Topics include social class; Victorian Liberalism; empire; literacy, education and politics; the mass media, consumption, and democracy; the two world wars; and the myriad transformations of the post-1945 period. Tutorials and essay topics are based on contemporary works of cultural criticism.

### HSTY2656

#### A House Divided: The American Civil War

**Credit points:** 6 **Teacher/Coordinator:** Dr Frances Clarke **Session:** Semester 2, Summer Late **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Prohibitions:** HSTY2056 **Assessment:** one 500 word essay proposal (10%), one 2000 word research essay (40%), one 2000 word take-home exam (35%), tutorial participation (15%)

The Civil War had momentous consequences for America - realigning the nation's political culture, ending slavery and forever transforming millions of lives. This unit analyses the social, cultural and political history of the Civil War and Reconstruction. We begin by looking at combat experience, civilian mobilization and state formation, the war's effects on gender and race relations and the causes for Reconstruction's failure, and we end by focusing on how and why this war continues to resonate in American culture.

### HSTY2667

#### Politics and Cultures of US Imperialism

**Credit points:** 6 **Session:** Semester 2 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History or Asian Studies **Prohibitions:** HSTY2067 **Assessment:** one 2500 word essay (45%), one 2 hour exam (45%), tutorial participation (10%)

Since the 2003 invasion of Iraq, public debate about American power has been dominated by the question: is the United States an empire? Taking this debate as a starting point, students examine: the expansion of American power across the continent and then overseas; political, economic and cultural forms of domination and the subsequent transformation of societies overseas and the US itself; and the value and limits of applying the concept of imperialism to US power.

### HSTY2668

#### The Rise and Fall of the First Reich

**Credit points:** 6 **Teacher/Coordinator:** Dr Lynette Olson **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History or Asian Studies **Prohibitions:** HSTY2068 **Assessment:** one 2500 word essay (50%), one 2 hour exam (40%), tutorial participation (10%)

This unit examines Germany and its neighbours, 911-1272 A.D., from its rise out of Carolingian Europe into the Medieval 'Great Power' until the fall of the ambitious and frustrated Hohenstaufen Dynasty left a disunited Germany and what ultimately became 'neither holy, nor Roman, nor an empire'. Included are Germany's prominent early medieval women and later mystic and composer Hildegard of Bingen; relationships with Italy, the Papacy and Eastern Europe; beautiful

Ottoman art; brilliant literary development of Germanic and Arthurian legend.

### HSTY2674

#### Pilgrim to Backpacker: Travel Histories

**Credit points:** 6 **Teacher/Coordinator:** Mr Richard White **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History or Asian Studies **Prohibitions:** HSTY3601, HSTY3001 **Assessment:** one 1000 word tutorial paper, one 500 word exercise and one 3000 word essay

This unit surveys the history of travel, working in part around the historical distinction between 'travellers' and 'tourists'. Our route follows travellers from ancient times through medieval pilgrimage, the Grand Tour and romantic travel to the development of mass tourism in the nineteenth century. It then examines the development of the modern industry, especially the relationship between tourism and imperialism in the 'Third World'. The unit ends with considerations of postmodern travel experiences through Disneyland, sex tourism, backpacking and cyberspace.

### HSTY2678

#### Race Around the World

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Penny Russell and Dr Kirsten McKenzie **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Assessment:** one 3000 word research essay (60%), one 1500 word reflective paper (30%), tutorial participation (10%)

This unit looks outward from Australia's shores to examine the uneasy co-existence of local experience with global cultures of knowledge. Relations between white settlers and Indigenous Australians are often understood in national contexts. But representation and treatment of Aborigines was embedded in global patterns that shaped, and sometimes shifted, Australia's racial history. We read stories of discovery, violence, civilisation, curiosity, humanity and fear, and consider international contexts for the Aboriginal resistance that emerged with growing force during the twentieth century.

### HSTY2681

#### Colonialism in Modern Asia

**Credit points:** 6 **Teacher/Coordinator:** Prof Robert Aldrich **Session:** Semester 2 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History or Asian Studies **Assessment:** one 2000 word essay, one tutorial activity, one 1500 word exam

In modern times, Asia represented a major terrain for expansion by such powers as Britain, France, Japan, the Netherlands and the United States. This inter-disciplinary unit explores and compares the policies, practices, and experiences of colonial powers in Asia. Themes may include the ideological justification of empires; military and political control; the construction of colonial knowledge; the cultures of empires; inter-ethnic relations; economic, medical and urban policies; gender and sexuality; opposition to imperialism; and the heritage of empire.

### HSTY2683

#### Violence in Chinese History

**Credit points:** 6 **Teacher/Coordinator:** Prof Helen Dunstan **Session:** Semester 2 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Assessment:** one 1750 word essay (35%), one 2250 word essay (35%), one individual or group oral presentation (equivalent to 500 words) (15%), tutorial participation (15%)

Violence, like death, is universal, but what forms has it taken in China? Peasant rebellions and Red Guard warfare? Yes, but let's be more imaginative. Can a state - did the Chinese state - perpetrate violence? Against whom, and with what stated justifications? What forms has violent crime taken in China? What about violence to the natural environment, and cultural practices that did violence to the human body? This broad-ranging unit of study offers some unusual perspectives on Chinese history.

**HSTY2684****Darwinism, Nationalism and Eugenics**

**Credit points:** 6 **Teacher/Coordinator:** Prof Alison Bashford **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Prohibitions:** HSTY2661 **Assessment:** one 500 word tutorial assignment, one 2000 word essay, one exam equivalent to 2000 words

Darwin's cousin Francis Galton invented the word 'eugenics' - the science of human breeding - in 1883. Over the next decades, most nations applied some aspect of eugenics in efforts to create fitter populations. From sterilization to euthanasia, from health exhibitions to marriage screening and genetic counselling, human reproduction became increasingly managed, often by the state. Most closely associated with Nazi Germany, eugenics was in fact widespread. We will trace its history in theory and practice, focusing on Britain, Australia, and North America.

**HSTY2685****Gender and Historical Change: East Asia**

**Credit points:** 6 **Teacher/Coordinator:** Prof Helen Dunstan **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Prohibitions:** ANS2675 **Assessment:** one 1750 word essay (35%), one 2250 word essay (35%), individual or group presentation (equivalent to 500 words) (15%), tutorial participation (15%)

Confucianism is often blamed for women's powerlessness in traditional East Asia. This unit of study, which focuses primarily on the period 700-1900, empowers students to critique common assumptions and stereotypes regarding gender and sexuality (including homosexuality) in premodern East Asia. We investigate the interplay between Confucianism, family structures and state initiatives in shaping long-term change, noting the radical contrasts between Chinese experience on one hand, Korean and Japanese on the other. We explore a wide range of translated primary sources.

**HSTY2686****Food, Environment and Culture in Europe**

**Credit points:** 6 **Teacher/Coordinator:** Dr John Gag e **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Assessment:** one 1500 word short essay (25%), one 2500 word research essay (50%), one 500 word tutorial assignment (15%), tutorial participation (10%)

Does environment determine culture, or vice versa? This unit explores the connections between the natural world and human society in premodern Europe (ca 1200-1800), and investigates how food served as the crucial link between the two. From individual to international, we will trace the meanings that nourishment carried. Topics may include landscape and agriculture; embodiment, medicine and health; feasts and famines; colonization and 'globalization'; taste, delicacies and aesthetics; and the challenges and implications of early industrialization.

**HSTY2687****Alliance: Australia-USA Relations**

**Credit points:** 6 **Teacher/Coordinator:** Dr James Curran **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Assessment:** one 1000 word Historiography assessment (20%), one 2000 word essay (40%), one 1 hour exam (30%), tutorial participation (10%)

This unit examines the history of Australian-American relations from the early twentieth century to today. Topics covered include the respective US and Australian approaches to the world, defence cooperation, the creation of ANZUS, Vietnam, recognition of China and approaches to the alliance from Whitlam to Howard. Among other questions, the unit asks whether the relationship has been one of simple subservience, or whether politicians and policymakers have tried to use the alliance to further Australia's own national interests.

**HSTY2690****Australia's Underworld: Stories & Method**

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Penny Russell **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week

**Prerequisites:** 12 credit points of Junior History, Ancient History or Asian Studies **Assessment:** one 500 word essay proposal (10%), one 4000 word research essay (80%), participation (10%)

This unit explores Australia's forgotten stories: the cross-dressers and prostitutes, crooks and impostors, maverick reformers, entertainers and oddballs who find little place in the 'national story', but whose lives are stitched into the fabric of our past. How do historians frame questions to capture the richness of this social experience? What sources and research techniques do they employ? With a significant research project as its major task, the unit will equip you to discover new stories for yourself.

**HSTY2691****Writing History**

**Credit points:** 6 **Teacher/Coordinator:** Prof Glenda Sluga **Session:** Semester 2 **Classes:** one 1 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 credit points of Junior History, Ancient History, or Asian Studies **Prohibitions:** HSTY2901, ANHS2691 **Assessment:** one 1500 word book or journal review, one 1500 word reflective essay, one 3000 word diary

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

How do we write history? How and why do our approaches to events, lives, and ideas differ from those taken by historians in the past? What is the relationship between historical scholarship and society? To answer these questions, we will examine History's history, social theories (e.g. Marxism, feminism, structuralism, post-structuralism), various historical methods, and processes of historical research and publication. Far from dry discussion, this lively unit focuses on debates that fire up historians, past and present.

**HSTY2805****History Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HSTY2806****History Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HSTY2809****History Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HSTY2810****History Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HSTY2811****History Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**HSTY4011****History Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Prof Robert Aldrich **Session:** Semester 1, Semester 2 **Classes:** two 2 hour seminars per week in Semester 1 **Prerequisites:** 48 senior credit points of History (up to 18 credit points of which may be cross-listed), including HSTY2691, with an average mark in those units of study of credit or better. Students who do not meet this requirement, however, may apply to the Honours Coordinator for a waiver to permit their entry into the honours program. **Assessment:** a thesis of 18,000-20,000 words and 6,000-8,000 words of written work of written work or its equivalent for each seminar

*Note: Department permission required for enrolment.*

The Honours program in History consists of:

1. a thesis under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester.

The thesis should be of 18,000-20,000 words in length. Each seminar requires 6,000-8,000 words of written work or its equivalent.

The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.

The following seminars are on offer in 2010:

Southern Crossings (Dr Kirsten McKenzie)

Gender and History (Assoc Prof Penny Russell)

Place and Meaning in the Past (Dr Lyn Olson)

Cross-Cultural Encounters (Dr Kate Fullagar)

The Sixties (Prof Ann Curthoys)

Science, Race and History (Prof Warwick Anderson)

Biography (Assoc Prof Mark McKenna and Prof Peter Read)

### HSTY4012

#### History Honours B

**Credit points:** 6 **Teacher/Coordinator:** Prof Robert Aldrich **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to HSTY4011 **Corequisites:** HSTY4011 **Assessment:** Refer to HSTY4011

Refer to HSTY4011

### HSTY4013

#### History Honours C

**Credit points:** 12 **Teacher/Coordinator:** Prof Robert Aldrich **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to HSTY4011 **Corequisites:** HSTY4012 **Assessment:** Refer to HSTY4011

Refer to HSTY4011

### HSTY4014

#### History Honours D

**Credit points:** 12 **Teacher/Coordinator:** Prof Robert Aldrich **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to HSTY4011 **Corequisites:** HSTY4013 **Assessment:** Refer to HSTY4011

Refer to HSTY4011

## Indigenous Australian Studies

### KOCR2600

#### Indigenous Australia: An Introduction

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Classes:** (2 lec x 1hr & 1 x 1hr tut)wk **Prerequisites:** 18 Junior credit points **Prohibitions:** KOCR2100 **Assessment:** one 2000 word essay (40%); one tutorial presentation (10%); one 1000 word tutorial paper (20%); 2 x critical reviews(30%)

This unit of study explores the historical, social and political contexts of the survival and growth of Aboriginal and Torres Strait Islander cultures and philosophies. The unit is structured around the themes of representation and identities; the colonisation of land and people; and resistance and agency. It will provide students with an introduction to Indigenous philosophies and theories by examining 'contact history' and resistance within a critical framework.

### KOCR2601

#### Indigenous Australia: Land and Culture

**Credit points:** 6 **Teacher/Coordinator:** Ms Leah Lui-Chivizhe **Session:** Semester 2 **Classes:** (1x 1hr lec & 1 x 2hr tut)wk **Prerequisites:** KOCR2100 or KOCR2600 **Prohibitions:** KOCR2101 **Assessment:** identity exercise (10%), tutorial presentation (20%), tutorial paper (20%) and essay (50%)

This unit of study traces Aboriginal and Torres Strait Islander relationships to country and place, and the continuities and dynamism of contemporary Indigenous Australian cultures. It will celebrate the fact that, despite the impact of colonisation, Indigenous Australian peoples have maintained unique identities and connections to land and sea. Through the themes of Indigenous Sydney, Connections to Place, and Cultural Continuities, we will examine Indigenous belief systems, art, language, performance, and film. This unit of study will include excursions to cultural sites around Sydney.

### KOCR2603

#### Indigenous Health and Communities

**Credit points:** 6 **Teacher/Coordinator:** Ms Katrina Thorpe **Session:** Semester 2 **Classes:** (1 x 1hr lec and 1 x 2hr tut)wk **Prerequisites:** KOCR2100 or KOCR2600 **Assessment:** tutorial presentation (20%), critical review (30%) and essay (50%)

The continuing poor health status of Indigenous people is well documented. However, attempts at improving Aboriginal health have often been met with inappropriate policy and practice. The challenge in improving Aboriginal health lies partly in improving the knowledge of non-Indigenous Australians of the historical, cultural and contemporary issues which impact on health. This unit of study will provide opportunities for meaningful contact with Indigenous Australians as a foundation for building partnerships with Indigenous people to improve Aboriginal health.

### KOCR2604

#### Colours of Identity: Indigenous Bodies

**Credit points:** 6 **Teacher/Coordinator:** Dr Karen O'Brien **Session:** Semester 1 **Classes:** (1 x 2hr lec and 1 x 2hr tut) wk **Corequisites:** KOCR2100 or KOCR2600 **Assessment:** Seminar participation; one seminar presentation and paper; one 1500 word research essay; one 2500 word research essay.

This unit of study explores the history and formation of Indigenous Australian identity. Combining contemporary theoretical and historical approaches we will explore the ways in which Indigenous Australians were constructed by colonial discourses. We will identify and critically analyse sites of power and processes of cultural dissemination and transmission and consider how such identities were racialised, gendered and subordinated. We will explore the arena of cultural politics and investigate the ways in which Indigenous agency has manifested, for example, through innovative critical perspectives, political activism and withholding labour, and through creative re-presentations in a variety of media, in film, documentary, photography and prose.

### KOCR2605

#### Speaking Gamilaraay 1

**Credit points:** 6 **Teacher/Coordinator:** Br John Giacon **Session:** Semester 1 **Classes:** (1 x 3hr seminar)wk **Assessment:** Homework sheets (35%), Oral performance (45%), Essay (20%)

Gamilaraay is an Indigenous Australian language from the mid-northwest of NSW that is currently undergoing revitalisation. This unit of study will provide students with a basic competence in speaking, understanding, reading and writing Gamilaraay sufficient to recognise and construct simple utterances in the language, and to understand its relationships with other languages. Classes will take the form of three-hour intensive oral workshops that progressively develop each student's abilities in the language. Assessment will be by short written assignments based on lesson content and an appraisal of individual oral/aural performance together with a short essay on Gamilaraay culture or a related topic.

### KOCR2607

#### Indigenous Creative Expression

**Credit points:** 6 **Teacher/Coordinator:** Ms Michelle Blanchard **Session:** Semester 1 **Classes:** 1 x 3hr seminar **Prerequisites:** 18 junior credit points **Assessment:** essay (40%), seminar presentation (25%) and creative exhibit (35%)

This unit of study aims to give students the opportunity to critically engage with a variety of artistic and creative practices undertaken by Indigenous Australians. It's envisaged that students will be encouraged to critically examine and understand the role of Indigenous performance/theatre, writing, dance, film, visual arts and music in Indigenous Australian cultural maintenance.

## Indonesian Studies

### INMS1101

#### Indonesian 1A

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1 **Classes:** 4 hours per week **Prohibitions:** Native or near native speakers of



Indonesian or Malay, HSC Continuers, or Extension Indonesian or Beginners Indonesian with 75% or above or equivalent **Assessment:** Short assignments (500 words equivalent), in-class tests (2000 words equivalent), oral assessments (1500 words equivalent), in-class participation.

First year Indonesian is designed to give beginning students a solid basis from which to continue Indonesian Studies at higher levels. It combines 3 hours per week of intensive Indonesian language instruction and private language study with a series of English-language lectures that introduces students to Indonesian culture and society.

*Textbooks*

Materials may be purchased from the University Copy Centre.

### **INMS1102 Indonesian 1B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** INMS1101 **Prohibitions:** INMS1301, INMS1302 **Assessment:** Short assignments (500 words equivalent), in-class tests (2000 words equivalent), oral assessments (1500 words equivalent), in-class participation.

Indonesian 1B is designed to further build students' understanding of the language in preparation for the study of Indonesian at higher levels. It combines 3 hours per week of intensive Indonesian language instruction and private language study with a series of English-language lectures that extends students' knowledge of Indonesian culture and society.

*Textbooks*

Materials may be purchased from the University Copy Centre.

### **INMS2601 Indonesian 2A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1 **Classes:** 4 hours per week **Prerequisites:** INMS1102 or HSC Continuers or Extension Indonesian or HSC Beginners Indonesian 75% and above or department permission **Prohibitions:** 8 credit point units of study numbered INMS2101 or above **Assessment:** In-class tests (2000 words equivalent), oral assessments (1500 words equivalent), assignment (500 words), in-class participation.

This unit emphasises practice in the spoken form of standard Indonesian, along with development of reading and writing skills. Reading of texts related to modern Indonesian society will develop students' understanding of the social and cultural contexts in which Indonesian is used.

*Textbooks*

Materials may be purchased from the University Copy Centre.

### **INMS2602 Indonesian 2B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** INMS2101 or INMS2601 **Prohibitions:** 8 credit point units of study numbered INMS2102 or above **Assessment:** In-class tests (2000 words equivalent), oral assessments (1500 words equivalent), assignment (500 words), in-class participation.

This unit consolidates and develops the skills acquired in INMS2601, and is designed to prepare students for advanced study of Indonesian. Fieldwork will involve interviewing a member of the Indonesian community in Sydney. Students will also study texts expressing the opinions of Indonesians on important social and national issues.

*Textbooks*

Materials may be purchased from the University Copy Centre.

### **INMS2650 Indonesian In-Country Study A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Classes:** As prescribed by the host institution **Prerequisites:** INMS1102 or INMS2101 or INMS2601

*Note: Department permission required for enrolment.*

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every 3 semester credits (sks) successfully completed at an Indonesian tertiary institution, to a

maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

### **INMS2651 Indonesian In-Country Study B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Classes:** As prescribed by the host institution **Prerequisites:** INMS1102 or INMS2101 or INMS2601

*Note: Department permission required for enrolment.*

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

### **INMS2652 Indonesian In-Country Study C**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Classes:** As prescribed by the host institution **Prerequisites:** INMS1102 or INMS2101 or INMS2601

*Note: Department permission required for enrolment.*

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

### **INMS2653 Indonesian In-Country Study D**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Classes:** As prescribed by the host institution **Prerequisites:** INMS1102 or INMS2101 or INMS2601

*Note: Department permission required for enrolment.*

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

### **INMS2654 Indonesian In-Country Study E**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Classes:** As prescribed by the host institution **Prerequisites:** INMS1102 or INMS2101 or INMS2601

*Note: Department permission required for enrolment.*

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS).

Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS2655****Indonesian In-Country Study F**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Classes:** As prescribed by the host institution **Prerequisites:** INMS1102 or INMS2101 or INMS2601

*Note: Department permission required for enrolment.*

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS2656****Indonesian In-Country Study G**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Classes:** As prescribed by the host institution **Prerequisites:** INMS1102 or INMS2101 or INMS2601

*Note: Department permission required for enrolment.*

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS2657****Indonesian In-Country Study H**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Classes:** As prescribed by the host institution **Prerequisites:** INMS1102 or INMS2101 or INMS2601

*Note: Department permission required for enrolment.*

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS2805****Indonesian Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**INMS2806****Indonesian Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**INMS2807****Indonesian Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**INMS2808****Indonesian Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**INMS3601****Indonesian 3A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1 **Classes:** 4 hours per week **Prerequisites:** INMS2102 or INMS2602 or department permission **Prohibitions:** 8 credit point units of study numbered INMS3101 or above **Assessment:** Weekly listening tasks on Indonesian-language lectures (10 x 200 words equivalent), oral assessments (1000 words equivalent), in-class tests (2000 words equivalent), class participation.

Indonesian 3A is designed to extend students' knowledge and understanding of Indonesian language and culture. It combines intensive Indonesian language instruction with a series of Indonesian-language lectures that extends students' knowledge of Indonesian culture and society on a variety of contemporary topics.

*Textbooks*

Materials may be purchased from the University Copy Centre.

**INMS3602****Indonesian 3B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** INMS3101 or INMS3601 or departmental permission **Prohibitions:** 8 credit points of units of study numbered INMS3102 or above **Assessment:** Weekly listening tasks on Indonesian-language lectures (10 x 200 words equivalent), oral assessments (1000 words equivalent), in-class tests (2000 words equivalent), in-class participation.

Indonesian 3B further extends students' knowledge and understanding of Indonesian language and culture. It combines intensive Indonesian language instruction with a series of Indonesian-language lectures that extends students' knowledge of Indonesian culture and society.

*Textbooks*

Materials may be purchased from the University Copy Centre.

**INMS3603****Indonesian Advanced Studies A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** INMS3602 or INMS3102 or department permission **Prohibitions:** INMS3301, INMS3302 **Assessment:** Weekly listening exercises on Indonesian-language lectures and reading summaries (3000 words equivalent), oral assessment (1000 words equivalent), research assignment (1000 words), in-class participation.

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program*

This unit emphasises analysis and discussion in Indonesian of topics related to contemporary Indonesian society. A variety of contemporary material will be used and topics may be drawn from areas such as cultural change, gender issues, environmental politics, and religion.

*Textbooks*

Materials may be purchased from the University Copy Centre.

**INMS3604****Indonesian Advanced Studies B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** INMS3602 or INMS3102 or department permission **Prohibitions:** INMS3302 **Assessment:** Weekly listening exercises on Indonesian-language lectures and reading summaries (3000 words equivalent), oral assessment (1000 words equivalent), research assignment (1000 words), in-class participation.

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program*

The unit emphasises analysis and discussion in Indonesian of topics related to contemporary Indonesian society. A variety of contemporary material will be used, and topics may be drawn from areas such as political change, economic development, Australia-Indonesia relations, media and popular culture.

*Textbooks*

Materials may be purchased from the University Copy Centre.

#### INMS4011

##### Indonesian and Malay Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Classes:** Two seminars, each seminar meets weekly for 3 hours for one semester **Prerequisites:** A major in Indonesian Studies with a Credit average or better, or departmental permission. **Assessment:** A thesis of 18000-20000 words and 6000-8000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Indonesian Studies consists of:

1. a thesis, written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for three hours for one semester (one of which must be the Indonesian Research Seminar, offered in Semester 1).

The thesis should be of 18-20,000 words in length. Each seminar requires 6000-8000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.

The following seminar is on offer in 2010:

Indonesian Research Seminar (Dr Novi Djenar)

Students will be allocated a suitable second unit of study by their supervisor in consultation with the Honours coordinator.

For more information, contact Dr Novi Djenar, Honours coordinator.

#### INMS4012

##### Indonesian and Malay Studies Honours B

**Credit points:** 12 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Corequisites:** INMS4011

Refer to INMS4011

#### INMS4013

##### Indonesian and Malay Studies Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Corequisites:** INMS4012

Refer to INMS4011

#### INMS4014

##### Indonesian and Malay Studies Honours D

**Credit points:** 12 **Teacher/Coordinator:** Dr Novi Djenar **Session:** Semester 1, Semester 2 **Corequisites:** INMS4013

Refer to INMS4011

## International and Comparative Literary Studies

#### ICLS2622

##### Great Books 3: The Twentieth Century

**Credit points:** 6 **Teacher/Coordinator:** Dr Françoise Grauby **Session:** Semester 1 **Classes:** One 1 hour lecture and one 1 hour tutorial per week. **Prerequisites:** At least 18 Junior credit points from any department in the Faculty of Arts from Table A, of which 12 credit points are from one subject; or special permission from the Director of International and Comparative Literary Studies **Assessment:** One 5 minute oral presentation with written one page plan equivalent to 1000 words (10%), two 2500 word essays (45% each).

What are the great works of literature of the 20th century? How does history leave its mark on them? This unit introduces some exemplary literary works translated into English from Asian and European

languages as well as works originally written in English. It studies them in the context of world history, national literatures and different narrative traditions.

#### ICLS2634

##### Literature and Revolution

**Credit points:** 6 **Teacher/Coordinator:** Dr Mats Karlsson **Session:** Semester 1 **Classes:** 1 hour lecture and 1 hour tutorial per week **Prerequisites:** 18 credit points at Junior level from any department in the Faculty of Arts from Part A, of which 12 credit points are from one subject; or special permission by the Director of International and Comparative Literary Studies **Assessment:** One 5 minute oral presentation with written one page plan equivalent to 1000 words (10%), two 2500 word essays (45% each).

This unit surveys the connection between literature and revolution by investigating the ways in which literary texts and movements across the world have influenced radical responses to the status quo, questioning, and provoking a re-conceptualisation of prevailing values and traditions. But how and when do literary experiments become revolutionary? Are they the same in different cultures? Could a pattern of synergies connecting literary with political and social revolutions emerge from a historical as well as cross-cultural investigation?

#### ICLS2635

##### Science Fiction: The Future is Now

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis **Session:** Semester 2 **Classes:** 1 hour lecture and 1 hour tutorial per week **Prerequisites:** 18 credit points at Junior level from any department in the Faculty of Arts from Part A, of which 12 credit points are from one subject; or special permission by the Director of International and Comparative Literary Studies. **Assessment:** One 5 minute oral presentation with written one page plan equivalent to 1000 words (10%), two 2500 word essays (45% each).

Science Fiction is one of the most interesting explorations of human future. Yet it addresses a number of social, political and existential issues that refer to the present: dilemmas, phobias and hopes of a world traumatised by war, disease and internal contradictions. Through the comparative study of novels and movies, this unit explores how the future, from a promised land of a great utopia, has become the dreadful exile into a dark dystopia.

#### ICLS2801

##### Int Comparative Literary Studies Exch

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### ICLS2802

##### Int Comparative Literary Studies Exch

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### ICLS2803

##### Int Comparative Literary Studies Exch

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### ICLS2804

##### Int Comparative Literary Studies Exch

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### ICLS3630

##### International Sociology of Literature

**Credit points:** 6 **Teacher/Coordinator:** Dr Elizabeth Rechniewski **Session:** Semester 2 **Classes:** 1 hour lecture and 1 hour tutorial per week **Prerequisites:** 18 junior credit points from any department in the Faculty of Arts from Table A of which 12 credit points are from one subject, or special permission from the Director of International and Comparative Literary Studies. **Assessment:** One 5 minute oral presentation with written one page plan equivalent to 1000 words (10%), two 2500 word essays (45% each).

This unit will look at different approaches to studying the relationship between literary texts and their social and political contexts, and explore patterns of literary production and audience reception over place and time. Concepts covered will include political economy of literature production, cultural capital, reader agency, author personae

and intentionality and the impact of various forms of individual and group identity. This is a required unit for students intending to do honours in International and Comparative Literary Studies.

### ICLS4011

#### Int Comparative Literary Studies Hons A

**Credit points:** 12 **Teacher/Coordinator:** Dr Bronwyn Winter **Session:** Semester 1, Semester 2 **Classes:** 3 semester-length seminars of 2 hours per week per seminar **Prerequisites:** Credit average in 48 senior credit points of ICLS, of which at least 36 senior credit points should be from ICLS units including exchange units, and 12 may be from cross-listed units from the School of Languages and Cultures or the Department of English. A reading knowledge of one language other than English is also required. Students not meeting these criteria may apply for special permission from the Director of ICLS. Special transitional entry arrangements will be made for students undertaking Honours in 2010. **Assessment:** A thesis of 12000-15000 words and 6000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in International Comparative Literary Studies consists of:

1. a thesis written under the supervision of two members of the ICLS academic staff
2. three seminars that meet weekly for two hours for one semester.

The thesis should be of 12000-15000 words in length. Each seminar requires 6000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 16.66%.

Honours students will take the following core ICLS seminars:

Literary Comparison: History and Methods (Semester 1)

Comparative Studies and Literary Debates (Semester 2)

A third seminar is to be chosen from a list of literature and culture seminars offered within the School of Languages and Cultures. Contact the ICLS Program Director for details. Special permission may be sought to enrol in a third seminar not on this list but offered within the Faculty of Arts and relevant to the student's thesis topic.

For more information, contact Dr Bronwyn Winter, Director of ICLS and Honours coordinator.

### ICLS4012

#### Int Comparative Literary Studies Hons B

**Credit points:** 12 **Teacher/Coordinator:** Dr Bronwyn Winter **Session:** Semester 1, Semester 2 **Corequisites:** ICLS4011

See ICLS4011

### ICLS4013

#### Int Comparative Literary Studies Hons C

**Credit points:** 12 **Teacher/Coordinator:** Dr Bronwyn Winter **Session:** Semester 1, Semester 2 **Corequisites:** ICLS4012

See ICLS4011

### ICLS4014

#### Int Comparative Literary Studies Hons D

**Credit points:** 12 **Teacher/Coordinator:** Dr Bronwyn Winter **Session:** Semester 1, Semester 2 **Corequisites:** ICLS4013

See ICLS4011

## International and Global Studies

### INGS1001

#### Power and Money in Global Society

**Credit points:** 6 **Teacher/Coordinator:** Professor Dick Bryan **Session:** Semester 1 **Classes:** 3 hrs per week (2 lectures, 1 tutorial) **Assessment:** Essay (1700 words), research report (800 words), 1.5 hour exam (1300 words equiv), tutorial presentation (500 words equivalent)

*Note: This unit is available only to students in the Bachelor of International and Global Studies*

Making sense of a rapidly-changing economic and political world is a challenging agenda. This unit introduces a range of approaches to understand global economic and political integration and shifting

power. In particular, the unit focuses on how the roles of nation states, international organizations and globalizing markets are changing, and the way conflicts that arise with these changes are being and might be addressed.

*Textbooks*

Unit reader available at the University Copy Centre

### INGS1002

#### Global Culture and Society

**Credit points:** 6 **Teacher/Coordinator:** Dr Neil Maclean **Session:** Semester 2 **Classes:** 3 hrs per week (2 lectures, 1 tutorial) **Prohibitions:** GBST1001 **Assessment:** Mid term long answer questions (1500 words), essay (2500 words), tutorial presentation (500 words)

*Note: This unit is available only to students in the Bachelor of International and Global Studies*

This inter-disciplinary unit will develop students' understanding of themes in and approaches to Global Studies. It will introduce students to conceptual frameworks of 'the global' and identify the core perspectives used by anthropology and sociology to analyse issues such as: the emergence of global economic, political, cultural and social processes; population movements; national, international, and global identities; diasporas and diasporic cultures; colonialism, post-colonialism and self-determination movements; discourses of international law, human rights and cosmopolitanism, appreciating the politics of the intercultural.

*Textbooks*

Unit reader available at the University Copy Centre

### INGS2601

#### Transnational Spaces and Networks

**Credit points:** 6 **Teacher/Coordinator:** Dr Bronwyn Winter **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** INGS1001 and INGS1002 or permission from Bachelor of International and Global Studies Director. **Assessment:** One portfolio assignment equivalent to 3000 words (including personal reading journal, annotated bibliography, press extracts and analytical report) (70%), one group oral presentation and plan equivalent to 1200 words (20%), mid-semester peer review exercise (10%).

*Note: This unit is available only to student in the Bachelor of International and Global Studies*

How are "areas" or "regions" constituted and defined, geopolitically, culturally, economically, linguistically? What key supranational and transnational factors shape global, regional and local identities and public spaces and the ways they communicate? This second year core unit of the Bachelor of International and Global Studies will address key issues and theoretical approaches in transnational, area and diaspora studies and in global communications. It is jointly taught by the School of Languages and Cultures and the Department of Media and Communications.

## Italian Studies

### ITLN1611

#### Introductory Italian 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Giorgia Alù and Dr Meg Greenberg **Session:** Semester 1 **Classes:** 1 hour lecture, 3 hours of tutorials with extensive online component per week **Prohibitions:** ITLN1101, ITLN1201, ITLN1301, ITLN1621, ITLN1631 **Assessment:** Classwork, assignments, tests (equivalent to 2500 words), 2 hour exam.

*Note: A student who is qualified to enter a higher level course may not enrol in a lower level course. Students who have taken Beginners HSC Italian proceed to ITLN2611; students who have taken Continuers and / or Extension HSC Italian proceed to ITLN2631. Students who have any formal training or previous knowledge of Italian from other sources are required to identify themselves to the department as soon as possible.*

This unit provides an introduction into the main structures of the Italian language and contemporary Italian society and history. All four language skills are developed, with a particular focus on grammatical accuracy. The cultural component offers insights into some of the salient issues of Italian history, from Unification to the present.

*Textbooks*

Lazzarino, Peccianti & Dini, In giro per l'Italia (McGraw-Hill) 2nd Edition  
Other texts available from the department  
Recommended reference books:

De R me, Soluzioni! A Practical Guide to Italian Grammar (Arnold)  
Adorni and Primorac, English Grammar for Students of Italian (Olivia and Hill)  
Course reader (in special reserve)  
Duggan, A Concise History of Italy (Cambridge)  
Ginsborg, A History of Contemporary Italy: Society and Politics 1943-1988 (Penguin)  
Recommended dictionaries:  
Collins Italian Concise Dictionary (Collins)  
Collins Sansoni Italian Dictionary (Collins)

### ITLN1612 Introductory Italian 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Giorgia Al  and Dr Maria Cristina Mauceri **Session:** Semester 2 **Classes:** 3 hours of language tutorials with extensive online component, and 1 hour reading seminar per week **Prerequisites:** ITLN1611, ITLN1101 or equivalent **Prohibitions:** ITLN1102, ITLN1202, ITLN1302, ITLN1632 **Assessment:** Classwork, assignments, tests (equivalent to 2500 words), 2 hour exam.

The language component of this Unit builds further on the structures acquired in ITLN1611. The cultural component, Modern Italy, explores aspects of twentieth century Italian literary and cultural movements and figures, through guided reading and analysis of relevant texts in a weekly reading seminar.

#### Textbooks

Lazzarino, Peccianti & Dini, In giro per l'Italia (McGraw-Hill) 2nd Edition  
Course reader available from University Copy Centre  
Recommended reference books:  
De R me, Soluzioni! A Practical Guide to Italian Grammar (Arnold)

### ITLN1801 Italian Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ITLN1802 Italian Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ITLN2611 Intermediate Italian 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Meg Greenberg **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** ITLN1612, ITLN1102 or HSC Italian Beginners or equivalent language knowledge **Prohibitions:** ITLN2631, ITLN2101, ITLN2201, ITLN2301 **Assessment:** 2 language tests (1000 words each), 1 grammar test (500 words), 1 oral presentation (500 words), written assignments (1000 words), 2 aural / oral tests (500 words).

This unit activates and consolidates the principal structures of the language and introduces complex structures, providing a variety of activities to suit most learning styles. It offers an up-to-date image of Italian life and culture and opportunities to discuss cross-cultural issues.

#### Textbooks

De R me, Soluzioni! A Practical Guide to Italian Grammar  
Course pack available from University Copy Centre  
Recommended dictionaries:  
Collins Sansoni Italian Dictionary (Collins)  
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

### ITLN2612 Intermediate Italian 4

**Credit points:** 6 **Teacher/Coordinator:** Dr Antonia Rubino **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** ITLN2611, ITLN2101, or equivalent language knowledge. **Prohibitions:** ITLN2632, ITLN2202, ITLN2302 **Assessment:** 2 language tests (1000 words each), grammar test (500 words), 2 aural/oral tests (500 words), oral presentation (500 words), written assignments (1000 words).

This unit consolidates and expands both receptive and productive skills through a variety of learning tasks, to be carried out individually and/or in group. It aims at fluency and accuracy and it fosters independent learning.

#### Textbooks

De R me, Soluzioni! A Practical Guide to Italian Grammar  
Course pack available from University Copy Centre

Recommended dictionary:  
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

### ITLN2631 Senior Italian 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Giorgia Al  **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** ITLN1632, ITLN1202, ITLN1302 or HSC Continuers or equivalent language knowledge **Prohibitions:** ITLN2611, ITLN2201, ITLN2101, ITLN2301 **Assessment:** 2 language tests (1000 words each), 2 aural/oral tests (500 words each), oral presentation(s) (500 words), written assignments (1000 words).

This unit provides consolidation in and activation of all four language skills, with a particular emphasis on speaking and writing. It offers an up-to-date image of Italian society and opportunities to discuss cross-cultural issues. Reflection on the language system aims at introducing complex structures, developing awareness at syntactic level and self-awareness about individual language performance.

#### Textbooks

De R me, Soluzioni! A Practical Guide to Italian Grammar  
Course pack available from the University Copy Centre  
Recommended dictionary:  
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

### ITLN2632 Senior Italian 4

**Credit points:** 6 **Teacher/Coordinator:** Dr Maria Cristina Mauceri **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** ITLN2631, ITLN2201 or ITLN2301 or equivalent language knowledge **Prohibitions:** ITLN2612, ITLN2202, ITLN2302 **Assessment:** 2 language tests (1000 words each), 2 aural/oral tests (500 words each), oral presentation(s) (500 words), written assignments (1000 words).

This unit builds on the competence acquired in ITLN2631 and further develops the four language skills within the cultural context of contemporary Italy. It aims at fostering both fluency and accuracy as well as independent learning skills.

#### Textbooks

De R me, Soluzioni! A Practical Guide to Italian Grammar  
Course pack available from the University Copy Centre  
Recommended dictionary:  
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

### ITLN2811 Italian Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ITLN2812 Italian Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ITLN2813 Italian Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ITLN2814 Italian Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ITLN2815 Italian Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ITLN2816 Italian Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ITLN2817

#### Italian Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### ITLN3611

#### Senior Italian 5

**Credit points:** 6 **Teacher/Coordinator:** Dr Antonia Rubino, Dr Francesco Borghesi **Session:** Semester 1 **Classes:** 3 hours of tutorials per week **Prerequisites:** ITLN2612, ITLN2202 or equivalent language knowledge **Prohibitions:** ITLN3631, ITLN3201, ITLN3301 **Assessment:** 2 language tests (1000 words each), oral presentation(s) (500 words), written assignments (1000 words).

This unit furthers competence in all aspects of the language, with a particular focus on advanced reading and writing skills. It deals with different aspects of Italian contemporary society through a variety of text types and levels of formality, encouraging cross-cultural appreciation and discussion.

#### Textbooks

De Rôme, Soluzioni! A Practical Guide to Italian Grammar  
Course pack available from University Copy Centre  
Recommended dictionary:  
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

### ITLN3612

#### Senior Italian 6

**Credit points:** 6 **Teacher/Coordinator:** Dr Maria Cristina Mauceri **Session:** Semester 2 **Classes:** 3 hours of tutorials per week **Prerequisites:** ITLN3611, ITLN3201 or equivalent language knowledge **Prohibitions:** ITLN3202, ITLN3302 **Assessment:** 2 language tests (1000 words each), oral presentation(s) (500 words), written assignments (1000 words).

This unit offers opportunities for advanced and carefully planned language practice. It aims to develop the student's linguistic awareness and to reflect on the Italian language system as a whole, while dealing with different aspects of Italian contemporary society and culture.

#### Textbooks

De Rôme, Soluzioni! A Practical Guide to Italian Grammar  
Course pack available from University Copy Centre  
Recommended dictionary:  
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

### ITLN3631

#### Senior Italian 7

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 1 **Classes:** 3 hours of tutorials per week **Prerequisites:** ITLN2632, ITLN2302 or equivalent language knowledge **Prohibitions:** ITLN3611, ITLN3301, ITLN3201 **Assessment:** 2 language tests (1000 words each), oral presentation(s) (500 words), written assignments (1000 words).

This unit furthers competence in all aspects of the language, with a particular focus on the discourse level and on advanced reading and writing skills. It deals with different aspects of Italian contemporary society through a variety of text types and levels of formality.

#### Textbooks

De Rôme, Soluzioni! A Practical Guide to Italian Grammar  
Course pack available from University Copy Centre  
Recommended dictionary:  
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

### ITLN3662

#### Machiavelli and Renaissance Italy

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 1 **Classes:** One 2 hour seminar per week **Prerequisites:** 18 junior credit points from Part A of the Table of Units of Study **Assessment:** Presentation equivalent to 1000 words (20%), class test (30%), 3500 word essay (40%), class participation (10%).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit will provide an introduction to Machiavelli as a political strategist, playwright and observer of his time through reading of *The Prince* as well as selected plays, letters and other writings. Reading and discussion of other selected authors will provide an opportunity

to become familiar with the social and political conditions of literary production, the ideas and debates about language and literature, and the literary genres which emerged during the Renaissance.

### ITLN3668

#### Issues of Language and Society in Italy

**Credit points:** 6 **Teacher/Coordinator:** Dr Antonia Rubino **Session:** Semester 2 **Classes:** 2 hour seminar per week **Prerequisites:** One of ITLN1612, ITLN1632, ITLN1202, ITLN1302, ITLN2611, ITLN2631 or equivalent language knowledge **Assessment:** Presentation (equivalent to 1000 words); class test (equivalent to 1000 words); take-home assignment (equivalent to 1000 words); final essay (equivalent to 3000 words).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program*

This unit will introduce students to current debates on language and language usage in contemporary Italy, and in particular on the changing nature of the country's multilingualism under the influence of various factors. The language impact of immigration, the decline of historical minorities, the position of dialects and Italy's role in the European Union are some of the topics that will be explored.

### ITLN3671

#### Dante: Inferno

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** ITLN2611 or ITLN2631 **Prohibitions:** ITLN3701 **Assessment:** Class presentation and paper (1000 words), 2 class tests (2000 words), research paper (3000 words).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit is an introduction to Dante's major works, concentrating on the *Divine Comedy: Inferno* and an overview of Dante's life and times.

#### Textbooks

Dante, *La Divina Commedia, Inferno*, ed. N.Sapegno (La Nuova Italia) or an edition in Italian

### ITLN3678

#### Contemporary Italian Fiction

**Credit points:** 6 **Teacher/Coordinator:** Dr Meg Greenberg **Session:** Semester 1 **Classes:** 2 hours class time and 1 hour online discussion **Prerequisites:** ITLN1612, ITLN1632, ITLN1202, ITLN1302, ITLN2611, ITLN2631 or equivalent language knowledge **Prohibitions:** ITLN3713 **Assessment:** Class presentation (1000 words), 2 class tests (3000 words equivalent).

This unit combines literary and textual analysis with the development of oral and written skills in Italian through the case study and examination of a variety of Italian short fiction from the twentieth century to the present day.

#### Textbooks

Texts available from the department.

### ITLN3679

#### Filming Fiction: The Italian Experience

**Credit points:** 6 **Teacher/Coordinator:** Dr Giorgia Alù **Session:** Semester 1 **Classes:** 2 hours per week: 1 lecture and 1 tutorial **Prerequisites:** One of ITLN1612, ITLN1632, ITLN1102, ITLN1202, ITLN1302, HSC Italian Continuers or Beginners or equivalent language knowledge **Assessment:** Participation (5%), classwork (equivalent to 1500 words, 20%), essay 1 (2000 words, 35%), essay 2 (2500 words, 40%).

An examination of the relationship between Italian cinema and fiction. Do they speak a common language? Do they employ comparable techniques? Who copies whom? This unit investigates these and other questions by analysing the adaptation of selected contemporary Italian novels into film.

### ITLN3681

#### Representations of Southern Italy

**Credit points:** 6 **Teacher/Coordinator:** Dr Maria Cristina Mauceri **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** One of ITLN1632, ITLN2612, ITLN1202, ITLN1302, HSC Italian Continuers or equivalent language knowledge **Prohibitions:** ITLN3761 **Assessment:** Class presentation (equivalent to 1500 words), class test (equivalent to 2000 words), final essay (2500 words).

In this unit, we will analyse and discuss novels by contemporary Italian writers as well as some films.

**ITLN3687****Focus on Writing in Italian**

**Credit points:** 6 **Teacher/Coordinator:** Dr Antonia Rubino **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** One of ITLN3631, ITLN3612, ITLN3301, ITLN3202 or equivalent language knowledge; ITLN3611 **Prohibitions:** ITLN3401 **Assessment:** 2 hour exam, written assignments and weekly homework (4000 words).

This unit is designed specifically for students with advanced knowledge of Italian. Students will analyse and produce written texts of varying text types and writing techniques. They will also focus on specific strategies for written communication.

*Textbooks*

Course pack available from University Copy Centre.

**ITLN3688****Advanced Italian: Translation**

**Credit points:** 6 **Teacher/Coordinator:** Dr Giorgia Alù **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** One of ITLN3611, ITLN3612, ITLN3631, ITLN3202, ITLN3301 or equivalent language knowledge **Prohibitions:** ITLN3402 **Assessment:** Research task (1000 words), 10 weekly tasks (2000 words), presentation (1000 words), 2 hour exam (2000 words).

The unit is concerned with translating and interpreting from and into Italian, exploring modes, techniques and genres.

*Textbooks*

Texts available from the department.

**ITLN3691****Italian Literature: 1200-1860**

**Credit points:** 6 **Teacher/Coordinator:** Dr Francesco Borghesi **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** Credit in 12 credit points of Italian or 80% in HSC Italian Continuers **Prohibitions:** ITLN2902 **Assessment:** Two essays (1500 and 2500 words), class test (2000 words).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program. It is also strongly recommended for intending Exchange students.*

Through analysis of representative texts and exploration of their contexts, this honours/exchange preparation unit surveys major figures, works, schools and movements in Italian literary culture from the thirteenth to the nineteenth century.

*Textbooks*

Anthology of Authors from the Duecento to the Ottocento (from University Copy Centre)

**ITLN4011****Italian Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr Antonia Rubino **Session:** Semester 1, Semester 2 **Classes:** Two seminars that meet weekly for three hours a week. **Prerequisites:** Students must have qualified for the award of the pass degree with a major in Italian (36 senior credit points). They will have completed an additional 12 credit points, normally including the special entry unit ITLN3691. Intending Honours students should attain a Credit average result in senior Italian units of study taken as a part of their major. **Assessment:** A thesis of 18000-20000 words and 6000-8000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Italian Studies consists of:

1. a thesis written under the supervision of one or more academic staff
2. two seminars that meet weekly for three hours per week for one semester.

The thesis should be of 18000-20000 words in length. Each seminar requires 6000-8000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.

The following seminars are on offer in 2010:

From the Avantgarde to the Sixties: Literature, Cinema and Language in Twentieth Century Italy (Drs Alù, Greenberg and Rubino)

Free Thinking in the Italian Tradition (Dr Francesco Borghesi)

For more information, contact Dr Antonia Rubino, Honours coordinator.

**ITLN4012****Italian Honours B**

**Credit points:** 12 **Teacher/Coordinator:** Dr Antonia Rubino **Session:** Semester 1, Semester 2 **Corequisites:** ITLN4011

Refer to ITLN4011

**ITLN4013****Italian Honours C**

**Credit points:** 12 **Teacher/Coordinator:** Dr Antonia Rubino **Session:** Semester 1, Semester 2 **Corequisites:** ITLN4012

Refer to ITLN4011

**ITLN4014****Italian Honours D**

**Credit points:** 12 **Teacher/Coordinator:** Dr Antonia Rubino **Session:** Semester 1, Semester 2 **Corequisites:** ITLN4013

Refer to ITLN4011

**Japanese Studies****JPNS1611****Japanese 1**

**Credit points:** 6 **Teacher/Coordinator:** Ms Seiko Yasumoto **Session:** Semester 1, Summer Main, Winter Main **Classes:** 4 hours per week **Prohibitions:** JPNS1111, any HSC Japanese Course **Assessment:** Continuous class assessment (i.e. weekly quizzes, speaking, writing, listening tests) (2000 words), 2 hour exam (2000 words).

This beginners' unit introduces basic communication skills in understanding and speaking Japanese. Students will also learn to write the two Japanese syllabaries and approximately 60 kanji characters and to recognise at least 100 kanji characters in context. Relevant socio-cultural information is integrated with the language learning. This unit also includes a weekly culture lecture.

*Textbooks*

Genki I, Eri Banno  
The Japan Times

**JPNS1612****Japanese 2**

**Credit points:** 6 **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** JPNS1111 or JPNS1611 **Prohibitions:** JPNS1121 **Assessment:** Continuous class assessment (i.e. weekly quizzes, speaking, writing, listening tests) (2000 words), 2 hour exam (2000 words).

This unit develops both the basic communication skills and the learning skills introduced in semester one. Students will continue to learn to use and understand Japanese in meaningful, everyday contexts. They will be able to write more than 150, and to recognise at least 200 kanji characters in context. Relevant socio-cultural information is integrated with the language learning.

*Textbooks*

Genki I, Eri Banno  
The Japan Times

**JPNS1801****Japanese Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**JPNS1802****Japanese Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**JPNS2611****Japanese 3**

**Credit points:** 6 **Session:** Semester 1 **Classes:** 3 hours per week. **Prerequisites:** 65% or more in HSC Japanese Beginners or less than 70% in Japanese Continuers, or JPNS1121 or JPNS1612 **Prohibitions:** JPNS1114, JPNS2212 **Assessment:** Continuous assessment, including class quizzes, tests and written assignments (3000 words), 1 hour exam (1000 words).

This unit consolidates basic grammar and introduces intermediate grammar, through communicative methods and reading practice. By the end of the semester, students should be able to keep up a conversation for a short time in a dialogue, to write short passages without the assistance of dictionaries, to read narrative texts, and to recognise the difference between written and spoken modes of communication in Japanese. Students will be able to write approximately 200 kanji and to recognise about 300 kanji.

#### JPNS2612 Japanese 4

**Credit points:** 6 **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** JPNS1114 or JPNS2212 or JPNS2611 **Prohibitions:** JPNS1124, JPNS2222 **Assessment:** Continuous assessment including class quizzes, tests and written assignments (3000 words), 1 hour exam (1000 words).

This unit aims to consolidate basic grammar and introduce intermediate grammar through communicative methods and reading practice. By the end of the semester, students are expected to be able to sustain a conversation about a selected topic for several minutes in a dialogue, to write a well-structured short essay without the assistance of dictionaries, and to read Japanese texts on a wide variety of topics. They will be able to write approximately 300 kanji and to recognise about 400 kanji.

#### JPNS2621 Japanese 5

**Credit points:** 6 **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** HSC Japanese Extension or Japanese Continuers 70% or above or equivalent determined by the department; or JPNS1124 or JPNS2222 or JPNS2612 **Prohibitions:** JPNS2213 **Assessment:** Continuous assessment (weekly quizzes equivalent to 200 words), tests (speaking, writing, listening and reading comprehension tests) (2300 words), 2 hour exam (2000 words).

This unit aims to develop students' speaking, writing and reading skills for the intermediate level of Japanese, so that they are able to use Japanese in a variety of situations. Students will be expected to achieve the following linguistic skills: switch to appropriate speech style in formal and informal situations; express opinions and thoughts; write about 350 kanji and recognise at least 600 kanji. Writing and reading practice will consolidate grammatical, lexical and cultural knowledge.

#### JPNS2622 Japanese 6

**Credit points:** 6 **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** JPNS2621 or JPNS2213 **Prohibitions:** JPNS2223 **Assessment:** Continuous assessment (weekly quizzes) (200 words), tests (speaking, writing, listening and reading comprehension tests) (2300 words), 2 hour exam (2000 words).

This unit aims to consolidate and extend intermediate level linguistic skills, through the acquisition of conversational strategies such as notions of apology, reasoning, opinions and explanations. Besides oral practice, writing and reading practice will help strengthen grammatical, lexical and cultural knowledge. Students will be able to read about 850 kanji and write about 500 kanji by the end of the semester. The above aims will be achieved by exploring various topics relating to contemporary Japan through authentic materials.

#### JPNS2660 Introduction to Japan

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Stavros **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** JPNS1121 or JPNS1612 **Prohibitions:** JPNS2622, JPNS3622, JPNS3632 **Assessment:** Group project (1500 words), 2 quizzes (1250 words each), essay (2000 words).

This unit aims to help students of Japanese language understand and acquire knowledge of Japanese society and culture at an introductory level. The unit will be taught in English but will acquaint students with key words and concepts in Japanese. Themes to be covered may include: social structures; contemporary issues and their historical backgrounds; language use in Japanese society; literary and cultural trends; urban culture.

#### JPNS2670

##### Modern Japanese Literary Masterpieces

**Credit points:** 6 **Teacher/Coordinator:** Dr Yasuko Claremont **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** JPNS1124 or JPNS2222 (from 2007, JPNS2612) **Prohibitions:** JPNS3116; JPNS3621; JPNS2301; JPNS3631; JPNS3301 **Assessment:** 2 hour final exam (equivalent to 2000 words), 1 hour mid-semester exam (equivalent to 1000 words), presentation equivalent to 1000 words, essay writing equivalent to 1500 words and continuous assessment (equivalent to 500 words).

This unit of study aims at improving students' language skills by reading modern Japanese literature, which is expressed at a different level from daily use. The comprehension of Japanese literary texts enables students to gain an insight into the writers' themes and expressions and is relevant to contemporary life. When necessary, English translations will be used in conjunction with authentic Japanese material. Students are expected to develop a critical appreciation of Japanese literature.

#### JPNS2671

##### Japanese Sociolinguistics

**Credit points:** 6 **Teacher/Coordinator:** Dr Nerida Jarkey **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** JPNS1124 or JPNS2222 or JPNS2612 or equivalent, by departmental permission **Prohibitions:** JPNS3621, JPNS3622, JPNS3631, JPNS3632, JPNS2301, JPNS2302, JPNS3301, JPNS3302, JPNS3114 **Assessment:** Continuous assessment including online learning activities, essay (1500 words), class test, 2 hour exam.

This unit will explore some important characteristics of the Japanese language from social perspectives. The characteristics to be explored are concerned with the ways in which Japanese people use language systems to express their own social identity and their relationships with others: both the people they are talking to and the people they are talking about. Authentic texts will be provided by selecting from a range of reading materials such as academic essays, novels and newspaper articles.

#### JPNS2672

##### Japanese Media Culture and New Japan

**Credit points:** 6 **Teacher/Coordinator:** Ms Seiko Yasumoto **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** JPNS1124 or JPNS2222 or JPNS2612 **Prohibitions:** JPNS3106, JPNS3621, JPNS3631 **Assessment:** Continuous assessment including class quizzes (1000 words each), discussions and research based project (2500 words), 1.5 hour exam (1500 words).

This unit aims to explore the new Japan and its youth cultures and to guide students to understand and broaden their knowledge of changing aspects of Japanese culture and society. Topics from Japanese traditions through to contemporary culture will be analysed. Learning activities include reading media texts (e.g. newspaper articles), video analysis, discussion and research. The unit also provides students with opportunities to pursue their interests and develop cultural knowledge and communication skills.

#### JPNS2811

##### Japanese Exchange 3

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### JPNS2812

##### Japanese Exchange 4

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### JPNS2813

##### Japanese Exchange 5

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### JPNS2814

##### Japanese Exchange 6

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*



**JPNS2815****Japanese Exchange 7****Credit points:** 6 **Session:** Semester 1, Semester 2*Note: Department permission required for enrolment.***JPNS3621****Japanese 7****Credit points:** 6 **Session:** Semester 1 **Classes:** 3 hours per week  
**Prerequisites:** JPNS1123 or JPNS2223 or JPNS2622 **Prohibitions:** JPNS2301  
**Assessment:** 2 written class tests (800 words), 3 oral presentations (900 words), 5 kanji character quizzes (300 words), class preparation and participation (500 words), 2 hour exam (2000 words).

Classes will involve a range of learning styles for further development of speaking, listening, reading and writing skills. Classes are divided into two components: communication and reading. In communication classes exercises will include discussion, short surveys, role-plays, short reading and translation exercises. Reading will be focused on contemporary journalistic and sometimes literary writing. By the end of this unit of study, students will be able to read approximately 1100 kanji and write 600 kanji.

*Textbooks*

Authentic Japanese: Progressing from Intermediate to Advanced, Osamu Kamada et al  
The Japan Times

**JPNS3622****Japanese 8****Credit points:** 6 **Session:** Semester 2 **Classes:** 3 hours per week  
**Prerequisites:** JPNS3621 or JPNS2301 **Prohibitions:** JPNS2302  
**Assessment:** 2 written class tests (800 words), 3 oral presentations (900 words), 5 kanji character quizzes (300 words), class preparation and participation (500 words), 2 hour exam (2000 words).

This unit is designed to consolidate and extend skills acquired in JPNS3621. Classes are divided into two components: communication and reading. In communication classes, exercises will include discussion, short surveys, role-plays, reading passages and short translation exercises. Reading classes will be focused on a variety of contemporary writing styles. By the end of this unit of study, students will be able to read approximately 1350 kanji and write 700 kanji.

*Textbooks*

Authentic Japanese: Progressing from Intermediate to Advanced, Osamu Kamada et al  
The Japan Times

**JPNS3631****Japanese 9****Credit points:** 6 **Teacher/Coordinator:** Dr Hiroko Cockerill **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** JPNS2302 or JPNS3622  
**Prohibitions:** JPNS3301 **Assessment:** Continuous class assessment including essay writing (1000 words), mid-term exam (1000 words), group and individual presentations (2000 words), 2 hour exam (2000 words).

This unit aims at the further development of skills beyond the intermediate level of Japanese. The goals of the unit include the development of skills in language analysis; the understanding of unfamiliar texts of a non-specific nature; the ability to summarise, to evaluate texts critically and to appreciate authentic Japanese texts, including literary texts. At the conclusion of the course, students will be able to write 800 kanji and recognise some 1600 kanji.

**JPNS3632****Japanese 10****Credit points:** 6 **Teacher/Coordinator:** Ms Seiko Yasumoto **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** JPNS3301 or JPNS3631  
**Prohibitions:** JPNS3302 **Assessment:** 1 hour mid-semester exam (1000 words), presentation (1500 words), essay writing (1000 words), continuous assessment (500 words), 2 hour exam (2000 words).

This unit aims at revising and extending students' language skills to a higher level in order to achieve confidence and proficiency in expressing views in written and spoken Japanese. Students are expected to develop analytical skills in reading a variety of contemporary texts from different genres, to evaluate information critically, and to express opinions through discussions on a wide range

of research topics. Students will be able to write 1000 kanji and recognise some 1945 Joyo kanji.

**JPNS3673****Japanese Society****Credit points:** 6 **Teacher/Coordinator:** Dr Chun-Fen Shao **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** JPNS1123 or JPNS2223 or JPNS2622 or JPNS1125 **Prohibitions:** JPNS3314 **Assessment:** Continuous class assessment, including class quizzes, tests, presentation and written assignments (total 5000 words), 1 hour exam (1000 words).

Is Japan a unique country? What are the similarities and differences between Japan, Australia and other countries? This unit of study offers students the opportunity to explore various aspects of contemporary Japanese society and culture through reading Japanese texts in the original, through group discussions, and through cross-cultural comparisons. Students will develop their own opinions on a range of social and cultural issues while improving their reading, analytical, and both oral and written communication skills.

**JPNS3675****Japanese Cinema****Credit points:** 6 **Teacher/Coordinator:** Dr Mats Karlsson **Session:** Semester 1 **Classes:** 2 hours of lectures per week **Prerequisites:** JPNS2622  
**Assessment:** Essay (2000 words), film analysis (2000 words), 2 hour semester exam (equivalent to 2000 words).*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program*

Cinema is an essential part of cultural life in Japan, which has one of the richest film traditions in the world. This unit introduces the history of Japanese cinema through lectures on important films organised according to major themes and genres. Besides weekly screenings of films, lectures will be richly illustrated with film excerpts. Students will gain an overall insight into the role of cinema in Japanese society and gain the ability to analyse films critically.

**JPNS3676****Monsters & Ghosts: Japanese Fantasy & SF****Credit points:** 6 **Teacher/Coordinator:** Dr Rebecca Suter **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** JPNS1123 or JPNS1125 or JPNS2223 or JPNS2622 **Assessment:** 2 in-class quizzes (500 words each), group presentation (equivalent to 1000 words), essay (1500 words), research project (2500 words).

The course will focus on fantasy and science fiction as means of representing the Other in modern Japanese literature and popular culture. Building on Tzvetan Todorov's definition of the fantastic as a hesitation between the realistic and the supernatural, it will analyse the way in which Japanese fantasy tackles issues of modernity, gender and cultural difference in a variety of genres and media, including the novel and short story, manga, anime and film, from the Meiji period to the present.

**JPNS3841****Japan In-Country Study 1****Credit points:** 6 **Session:** Semester 1, Semester 2 **Prerequisites:** 12 Junior JPNS credit points **Assessment:** As required by the host institution.*Note: Department permission required for enrolment.*

Approved course in a tertiary level institution in Japan.

**JPNS3842****Japan In-Country Study 2****Credit points:** 6 **Session:** Semester 1, Semester 2 **Prerequisites:** 12 Junior JPNS credit points **Assessment:** As required by the host institution.*Note: Department permission required for enrolment.*

Approved course in a tertiary level institution in Japan.

**JPNS4011****Japanese Honours A****Credit points:** 12 **Teacher/Coordinator:** Dr Matthew Stavros **Session:** Semester 1, Semester 2 **Classes:** Two seminars, each seminar meets weekly for 2 hours for one semester **Prerequisites:** Credit average or better in the major plus 12 additional senior credit points, including ASNS3690 Approaches

to Research in Asian Studies. They may include one 6-credit point Japan-related Asian Studies unit of study. **Assessment:** A thesis of 15000-20000 words and 6000-8000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Japanese Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff

2. two seminars that meet weekly for two hours for one semester.

The thesis should be of 15000-20000 words in length. Each seminar requires 6000-8000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.

The following seminars are available for 2010:

Contemporary Asian Societies (Dr Olivier Ansart)

The Underside of Modern Japan (Dr Mats Karlsson)

For more information, contact Dr Matthew Stavros, Honours coordinator

#### JPNS4012

##### Japanese Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** JPNS4011 **Assessment:** Written assignment and/or exam.

#### JPNS4013

##### Japanese Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** JPNS4012 **Assessment:** Written assignment and/or exam.

#### JPNS4014

##### Japanese Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** JPNS4013 **Assessment:** Thesis (15000-20000 words).

Students will be required to write a 15000-20000 word thesis on an approved Japanese topic.

## Jewish Civilisation, Thought and Culture

#### JCTC1001

##### Palestine: Roman Rule to Islam

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Rutland **Session:** Semester 1 **Classes:** 2 hour lecture and 1 hour tutorial per week **Assessment:** 2 hour exam (40%), 2000 word essay (30%), 500 word synopsis of a tutorial paper (20%), class participation (10%).

How did the religion and history of the Jewish people change from the Second Temple to the rabbinic period? Explore the history and religion of the Jews during the watershed period in Palestine under Roman rule. Study the Hellenist influence on Judaism, the development of different sects, including the Dead Sea sect, and the emergence of Christianity. Lectures (2 hours a week) focus on the history of the period. Tutorials (1 hour a week) deal with broad questions such as who is a Jew and universalism and chosenness in Judaism together with a knowledge and understanding of basic Jewish belief and practice. Students will gain insights into the evolution of Judaism from pagan times to the present. At the upper level, students can study Medieval Judaism, Holocaust and Israel.

##### Textbooks

Ben-Sasson, H.H (ed) A History of the Jewish People, Cambridge, Mass., Harvard University Press, 1976

Telushkin, J., Jewish Literacy: The Most Important Things to Know About the Jewish Religion, its People and its History, N.Y., William Morrow, 2001

Holtz, B. ed., Back to the Sources: Reading the Classical Jewish Texts, N.Y., Touchstone, 1992

#### JCTC1002

##### Jewish Settlement Outside Palestine

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Rutland **Session:** Semester 2 **Classes:** 2 hour lecture and 1 hour tutorial per week **Prerequisites:** JCTC1001 **Assessment:** 2 hour exam (40%), 2000 word essay (30%), 500 word synopsis of a tutorial paper (20%), class participation (10%).

Do you wish to understand the gradual dispersion of Jews from Palestine? Study this unit to understand the spread of Judaism from Palestine into Africa and Asia. Students will study the story of Muhammed and the rise of Islam; the place of the Jew under Islamic law and the rapid Islamic conquest of much of the known world. They will learn about the dispersed diaspora communities in Babylon and Egypt and the development of Jewish communities in India and China from their early origins to the present day. Lectures are 2 hours and focus on the history of the period. The tutorials (1 hour a week), deal with moral, ethical and philosophical questions relating to Judaism. Discussions will explore the existence and nature of God, prophecy, the Messiah, Torah and the commandments, conversion to Judaism and Jewish attitudes to other faiths.

#### JCTC1801

##### Jewish Civilization Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### JCTC2603

##### Jews Under the Crescent and the Cross

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Rutland **Session:** Semester 1 **Classes:** 2 hour lecture, 1 hour tutorial per week **Prerequisites:** JCTC1001 or one of HSTY1022, HSTY1031, HSTY1043, HSTY1044, HSTY1045, HSTY1076, HSTY1088, RLST1001, RLST1002 **Prohibitions:** JCTC2003 **Assessment:** 2 hour exam (40%), 2000 word essay (30%), 500 word synopsis of a tutorial paper (20%), class participation (10%).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

The story of Jews living under the Crescent (Muslim rule) and the Cross (Christian rule) comprises a vibrant period of Jewish history. The unit explores Jews under Muslim rule in Spain and the experiences of Jews under Christian rule in Germany, France and England in the Medieval period, including the problems of Christian antisemitism and the Crusades. These are seminal periods in the development of Jewish thought, with the contribution of great commentators and philosophers including Moses Maimonides.

#### JCTC2604

##### From Expulsion to Regeneration

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Rutland **Session:** Semester 2 **Classes:** 2 hour lecture, 1 hour tutorial per week **Prerequisites:** JCTC1001 or one of HSTY1022, HSTY1031, HSTY1043, HSTY1044, HSTY1045, HSTY1076, HSTY1088, RLST1001, RLST1002 **Prohibitions:** JCTC2004 **Assessment:** 2 hour exam (40%), 2000 word essay (30%), 500 word synopsis of a tutorial paper (20%), class participation (10%).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

One of the most traumatic events in Jewish history was the expulsion of the Jews from Spain in 1492. Explore the reasons behind the expulsion and the ways in which new centres of Jewish life emerged, especially in Eastern Europe. Light will also be shed on the establishment of Jewish communities in the Netherlands and England on the eve of emancipation when the new ideas of the Enlightenment paved the way for the rise of the modern Jew.

#### JCTC2605

##### From Emancipation to the Holocaust

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Rutland **Session:** Semester 1 **Classes:** 2 hour lecture, 1 hour tutorial per week **Prerequisites:** JCTC1001 or one of HSTY1022, HSTY1031, HSTY1043, HSTY1044, HSTY1045, HSTY1076, HSTY1088 **Assessment:** 2 hour exam (40%), 2000 word essay (30%), 500 word synopsis of a tutorial paper (20%), class participation (10%).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit is designed to introduce students to the turbulent history of European Jewry, 1750 to 1933. Against the background of far-reaching transformation in almost every aspect of society and culture, the Jew's entry into the modern world will be examined. At the centre stands the process of acculturation, integration, assimilation and Zionism, as well as the responses by non-Jewish society, especially the rise of modern antisemitism.

**JCTC2606****The Holocaust: History and Aftermath**

**Credit points:** 6 **Teacher/Coordinator:** Prof Kwiet **Session:** Semester 2  
**Classes:** 2 hour lecture, 1 hour tutorial per week **Prerequisites:** JCTC1001 or 6 junior credit points from History. **Prohibitions:** JCTC2006 **Assessment:** 3000 word essay (50%), 1500 word essay (30%), class participation (20%).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit provides an in-depth study of the Holocaust. Special emphasis will be placed on the development of Nazi ideology, in particular racial antisemitism, and the gradual implementation of this policy towards the Jews and other victim groups from 1933 to 1945. Other themes focus on the responses of the victims and the role of the by-standers, as well as post-war politics of memory and other issues, including Holocaust denial and war crimes prosecution.

**JCTC2607****Israel in the Modern Middle East**

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Rutland **Session:** Semester 1 **Classes:** 2 hours of lectures, 1 hour tutorial per week  
**Prerequisites:** JCTC1001 or one of HSTY1022, HSTY1025, HSTY1031, HSTY1043, HSTY1044, HSTY1045 **Assessment:** 2000 word essay, 500 word synopsis of tutorial paper, 2 hour exam.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Israel's position in the modern Middle East and the wider world from state formation to the present has been shaped by social, political and economic processes. Study these processes in the context of the nature of Israeli society and the major foreign policy decisions taken by Israeli leaders. Topics to be studied include: the genesis and development of Zionism, democracy and religion in Modern Israel, post-Zionism, the role of the Holocaust in Israel, Jerusalem and the settlements.

**JCTC2811****Jewish Civilisation Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**JCTC2812****Jewish Civilisation Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**JCTC2813****Jewish Civilisation Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**JCTC2814****Jewish Civilisation Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**JCTC2815****Jewish Civilization Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**JCTC2816****Jewish Civilisation Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**JCTC4011****Judaic Studies Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Assoc Prof Rutland **Session:** Semester 1, Semester 2 **Classes:** Two seminars that meet weekly for 2 hours in Semester 1 and one seminar that meets weekly for 2 hours in Semester 2. **Prerequisites:** A major in Jewish Civilisation with a Credit average, plus 12 credit points in an associated language (Hebrew Classical OR Hebrew Modern OR Yiddish) or an Honours preparation course from an associated discipline

(History, Government or Studies of Religion). **Assessment:** A thesis of 15000 words and 4000-5000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Jewish Civilization, Thought and Culture consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. three seminars that meet weekly for two hours for one semester.

The thesis should be of 15000 words in length. Each seminar requires 4000-5000 words of written work or its equivalent.

The thesis is worth 40% of the final Honours mark and each of the seminars is worth 20%.

In addition to the compulsory core unit of study, Jewish Civilization: Methodology and Tools, students will choose two IV Honours options. Students can choose to specialise in either the Classical or Modern period, in which case they must do a minimum of two options in their speciality, and their dissertation must be in their area of speciality. Seminars will be offered from the following list in 2010:

Classical Period:

Jewish Sages and their Institutions (Dr Leonard Lobel)

Socio-religious Developments in the First to Third Centuries (Dr Leonard Lobel).

Modern Period:

Yiddish Literature in Translation (Dr Jennifer Dowling)

Yiddish Popular Culture (Dr Jennifer Dowling)

The Australian Jewish Experience (Assoc Prof Suzanne Rutland)

Contemporary Responses to the Holocaust (Prof Konrad Kwiet)

The Holocaust: a Context of Health (Prof Konrad Kwiet)

For more information, contact Assoc Prof Suzanne Rutland, Honours coordinator.

**JCTC4012****Judaic Studies Honours B**

**Credit points:** 12 **Teacher/Coordinator:** Assoc Prof Rutland **Session:** Semester 1, Semester 2 **Corequisites:** JCTC4011

Refer to JCTC4011

**JCTC4013****Judaic Studies Honours C**

**Credit points:** 12 **Teacher/Coordinator:** Assoc Prof Rutland **Session:** Semester 1, Semester 2 **Corequisites:** JCTC4012

Refer to JCTC4011

**JCTC4014****Judaic Studies Honours D**

**Credit points:** 12 **Teacher/Coordinator:** Assoc Prof Rutland **Session:** Semester 1, Semester 2 **Corequisites:** JCTC4013

Refer to JCTC4011

**Korean Studies****KRNS1621****Korean 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Duk-Soo Park **Session:** Semester 1 **Classes:** 4 hours per week **Prohibitions:** KRNS1101 **Assessment:** Weekly assignments (200 words each), 2 oral tests (1000 words), 1 hour final written exam.

This unit is a comprehensive beginners course which will lay the foundation for acquiring oral, aural, reading and writing skills in Korean. Students will acquire oral communication skills based on the given grammar points and topics. Various communicative approaches will be employed for the class activities. Students are required to give group presentations during the semester. On the basis of grammar introduced, the reading and writing of short texts will be done in each week.

**KRNS1622****Korean 2**

**Credit points:** 6 **Session:** Semester 2 **Classes:** 4 hours per week  
**Prerequisites:** KRNS1621 or KRNS1101 **Prohibitions:** KRNS1102  
**Assessment:** Weekly assignments (200 words each), 2 oral tests (1000 words), 1 hour final written exam.

This unit is a comprehensive beginners course which will lay the foundation for acquiring oral, aural, reading and writing skills in Korean. Students will acquire oral communication skills based on the given grammar points and topics. Various communicative approaches will be employed for class activities. Students are required to give group presentations during semester. On the basis of grammar introduced, the reading and writing of short texts will be done in each week.

**KRNS1801****Korean Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**KRNS2621****Korean 3**

**Credit points:** 6 **Teacher/Coordinator:** Dr Ki-Sung Kwak **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** KRNS1102 or KRNS1622  
**Prohibitions:** KRNS2001 **Assessment:** 6 assignments (200 words each), two 15 minute oral tests (1000 words), 2 hour final written exam.

As an intermediate language unit, students are expected to gain extensive language skills in a diverse range of communicative settings. Interactive exercises and activities will provide students with opportunities to practice and improve their skills in speaking, reading and writing.

**KRNS2622****Korean 4**

**Credit points:** 6 **Teacher/Coordinator:** Dr Ki-Sung Kwak **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** KRNS2001 or KRNS2621  
**Prohibitions:** KRNS2002 **Assessment:** 6 assignments (200 words each), two 15 minute oral tests (1000 words), 2 hour final written exam.

As an intermediate language subject, students are expected to gain extensive language skills in a diverse range of communicative settings. Interactive exercises and activities will provide students with opportunities to practice and improve their skills in speaking, reading and writing.

**KRNS2671****Translation and Interpretation**

**Credit points:** 6 **Teacher/Coordinator:** Dr Duk-Soo Park **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** KRNS1302 or KRNS1632 or native speakers of Korean **Prohibitions:** KRNS2400 **Assessment:** Continuous assessment, consisting of 6 tasks (equivalent to 400 words each), 2 hour final exam.

This unit aims at providing students with such useful skills in Korean language as translation and interpretation from Korean into English and vice-versa. The unit is divided into three modules: Korean-English translation, English-Korean translation and interpretation. Students will learn how to translate and interpret texts chosen from both print and audio-visual media from a wide range of fields, including society, culture, politics, economics, science and technology.

**KRNS2675****Contemporary Korean Society and Culture**

**Credit points:** 6 **Teacher/Coordinator:** Dr Duk-Soo Park **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** 12 junior credit points in Arts **Prohibitions:** KRNS2500 **Assessment:** 15 minute presentation (equivalent to 1000 words), 2000 word essay on an approved topic, 2 hour final exam.

This unit will provide students with a good understanding of contemporary Korean society and culture by examining not only current issues in Korea (such as legal, political, economic, educational and family matters), but also the Korean people's living style affected by these various issues. The latter will include daily life, gender issues, business culture, entertainment, youth and popular culture. Students also look at the application and/or implication of a certain Korean

culture or practice to domestic and international communities; e.g. to South Korea which pursues rapid globalisation or to a multi-cultural society like Australia.

**KRNS2681****Korean In-Country Study A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Duk-Soo Park **Session:** Semester 1, Semester 2 **Prerequisites:** KRNS1101 or KRNS1621 or KRNS1301 or KRNS1631

*Note: Department permission required for enrolment.*

**KRNS2682****Korean In-Country Study B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Duk-Soo Park **Session:** Semester 1, Semester 2 **Prerequisites:** KRNS1101 or KRNS1621 or KRNS1301 or KRNS1631

*Note: Department permission required for enrolment.*

**KRNS2811****Korean Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**KRNS2812****Korean Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**KRNS2813****Korean Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**KRNS2814****Korean Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**KRNS2815****Korean Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**KRNS3621****Korean 5**

**Credit points:** 6 **Session:** Semester 1 **Classes:** 3 hours per week  
**Prerequisites:** KRNS2002 or KRNS2622 **Prohibitions:** KRNS3001  
**Assessment:** Continuous class assessment, consisting of 8 assignments (200 words each), 2 oral tests (1000 words), 2 hour final written exam.

This unit aims to further develop oral and written communication skills beyond the intermediate level. Students will acquire fluency in oral communication, with particular emphasis on sophistication and formality of speech. Reading and writing skills are developed through the use of structured texts from the prescribed textbook and selections of authentic reading materials from a range of sources.

**KRNS3622****Korean 6**

**Credit points:** 6 **Session:** Semester 2 **Classes:** 3 hours per week  
**Prerequisites:** KRNS3001 or KRNS3621 **Prohibitions:** KRNS3002  
**Assessment:** Continuous class assessment consisting of 8 assignments (200 words each), 2 oral tests (1000 words), 2 hour final written exam.

This unit follows on from KRNS3621 and is designed to extend the student's command of the Korean language beyond the level completed in the previous semester. Through readings of authentic works from Korean newspapers, magazines and academic texts, and structured discussions based on these materials, this unit will introduce students to a wide range of sentence patterns, enrich their vocabulary and enable them to read advanced texts independently.

**KRNS4011****Korean Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr Duk-Soo Park **Session:** Semester 1, Semester 2 **Classes:** Three seminars, each seminar meets weekly for 2 hours for one semester **Prerequisites:** Students must obtain a Credit average or better in their Korean Studies major and have taken an additional 12 credit points from KRNS or cross-listed ASNS units, including ASNS3690: Approaches to Research in Asian Studies. **Assessment:** A thesis of 15000-20000 words and 6000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Korean Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff

2. three seminars that meet weekly for two hours for one semester.

The thesis should be of 15000-20000 words in length. Each seminar requires 6000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 16.66%.

Students may choose seminars from the following areas in 2010:

Korean Language and Linguistics

Korean History and Thought

Korean Media and Communication

For more information, contact Dr Duk-Soo Park, Honours coordinator.

**KRNS4012****Korean Honours B**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** KRNS4011 **Assessment:** Will be based on seminar coursework.

Refer to KRNS4011

**KRNS4013****Korean Honours C**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** KRNS4012 **Assessment:** Will be based on seminar coursework.

Refer to KRNS4011

**KRNS4014****Korean Honours D**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** KRNS4013 **Assessment:** One 15000-20000 word thesis.

Refer to KRNS4011

**Latin****LATN1600****Introductory Latin 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Anne Rogerson **Session:** Semester 1 **Classes:** three 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** LATN1001, LATN2611, LATN2620 **Assessment:** written assignments, class quizzes and one 2 hour exam

This unit is designed for beginners, though it is available to anyone who has not completed HSC Latin. No previous knowledge of a foreign language is assumed and all grammatical concepts encountered will be explained. The unit aims to introduce the basics of Latin through the study of elementary grammar and the reading of easy, mostly made-up, sentences and passages. Many of the latter are based on 'real' Latin texts, such as Ovid's *Metamorphoses*, providing an introduction to Roman literature.

**LATN1601****Introductory Latin 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Paul Roche **Session:** Semester 2 **Classes:** three 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** LATN1600 or LATN1001 or LATN2611 **Prohibitions:** LATN1002, LATN2612, LATN2621 **Assessment:** weekly assignments, class quizzes and one 2 hour exam

This unit builds on the basic knowledge already acquired in LATN1600 and introduces further accidence along with most subordinate clause

types and common constructions. Grammatical knowledge is reinforced by translation of sentences from and into Latin, while reading skills are further developed through the reading of simple prose and verse texts. The unit provides both a basis for further Latin study and essential background for students specialising in subjects such as Ancient History, Archaeology, Medieval Studies and Philosophy.

**LATN1801****Latin Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**LATN1802****Latin Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

**LATN2600****Intermediate Latin 1**

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Lindsay Watson **Session:** Semester 1 **Classes:** three 1 hour lectures and one 1 hour tutorial (optional for those who have passed HSC Latin) per week **Prerequisites:** HSC Latin or LATN1601 or LATN2612 or LATN2621 or LATN1002 **Prohibitions:** LATN2603, LATN1101 **Assessment:** written assignments, one 1500 word essay and one 2 hour exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit concentrates on consolidating the basic knowledge acquired in the first year of Latin or at school through language study and the close reading of one or two texts (to be advised on the department of Classics & Ancient History web site prior to commencement of lectures). The texts will also be studied from the viewpoint of their literary qualities and generic and socio-historical background.

**LATN2601****Intermediate Latin 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Anne Rogerson **Session:** Semester 2 **Classes:** three 1 hour lectures per week **Prerequisites:** LATN2600 or LATN1101 **Prohibitions:** LATN1102 **Assessment:** written assignments, one 1500 word essay and one 2 hour exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit concentrates on consolidating the basic knowledge of the Latin language already acquired through language study and the close reading of one or two important texts (to be advised on the department of Classics & Ancient History web site prior to commencement of lectures). Acquaintance with Roman literature will also be expanded through studying these texts with a view to evaluating their literary aims and qualities and examining their generic and socio-historical background.

**LATN2620****Reading Latin 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Anne Rogerson **Session:** Semester 1 **Classes:** three 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** LATN1600, LATN1001, LATN2611 **Assessment:** written assignments, class quizzes and one 2 hour exam

This unit allows students specialising in areas such as Ancient History to acquire a knowledge of basic Latin at senior level. The unit, though aimed at beginners, is available to anyone who has not completed HSC Latin. The basics of Latin will be introduced through the study of elementary grammar and the reading of easy, mostly made-up, sentences and passages. Many of the latter are based on 'real' Latin texts, such as Ovid's *Metamorphoses*, providing an introduction to Roman literature.

**LATN2621****Reading Latin 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Paul Roche **Session:** Semester 2 **Classes:** three 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** LATN2620 or LATN2611 **Prohibitions:** LATN1601, LATN1002, LATN2612 **Assessment:** written assignments, class quizzes and one 2 hour exam

This unit builds on the basic knowledge already acquired in LATN2620 and introduces further accidence along with most subordinate clause types and common constructions. Grammatical knowledge is reinforced by translation of sentences from and into Latin, while reading skills are further developed through the reading of simple prose and verse texts. The unit provides both a basis for further Latin study and essential background for students specialising in subjects such as Ancient History, Archaeology, Medieval Studies and Philosophy.

#### LATN2804

##### Latin Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### LATN2805

##### Latin Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### LATN2806

##### Latin Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### LATN2810

##### Latin Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### LATN2811

##### Latin Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### LATN3600

##### Advanced Latin

**Credit points:** 6 **Teacher/Coordinator:** Dr Anne Rogerson **Session:** Semester 1 **Classes:** three 1 hour lectures per week **Prerequisites:** LATN2601 or LATN2604 or LATN1102 **Prohibitions:** LATN3607 **Assessment:** written assignments, language exercises and one 2 hour exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit concentrates on providing students with the advanced language skills necessary for the understanding and appreciation of more difficult Latin authors. These skills will be fostered both by formal language classes and by the close reading of Latin texts (to be advised on the department of Classics & Ancient History web site prior to commencement of lectures). Through this reading, students will also gain familiarity with the style and language of some important Latin authors.

#### LATN3601

##### Latin Epic 1

**Credit points:** 6 **Teacher/Coordinator:** Ms Frances Muecke **Session:** Semester 2 **Classes:** three 1 hour lectures per week **Corequisites:** LATN2601 or LATN1102 **Assessment:** written assignments, one 1500 word essay and one 2 hour exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit is aimed at students who have taken introductory Latin and are in their 2nd or 3rd year of Latin. It is not recommended for students with HSC Latin who are in their 3rd year. The aim is to provide familiarity with the style and the literary and socio-historical background of Ovid's *Metamorphoses* through the reading of passages selected from the whole epic (to be advised on the department of Classics & Ancient History web site).

#### LATN3604

##### Latin Republican Poetry

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Lindsay Watson **Session:** Semester 1 **Classes:** three 1 hour lectures per week **Corequisites:** LATN3600 or LATN3607 **Assessment:** written assignments and one 2 hour exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit, which concentrates on the poetry of the Republic, aims to expand students' knowledge of this period of Roman literature through a study of one or more important texts (to be advised on the department of Classics & Ancient History web site prior to commencement of lectures). Language skills necessary for the understanding of the texts will be assumed and emphasis placed on interpretation, literary appreciation and the generic and/or historical background of the texts.

#### LATN3606

##### Latin Imperial Prose

**Credit points:** 6 **Teacher/Coordinator:** Dr Paul Roche **Session:** Semester 2 **Classes:** three 1 hour lectures per week **Prerequisites:** LATN3600 or LATN3607 **Assessment:** written assignments and one 2 hour exam

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit, which concentrates on the prose literature of the Empire, aims to expand students' knowledge of this period of Roman literature through a study of one or more important texts (to be advised on the department of Classics & Ancient History web site prior to commencement of lectures). Language skills necessary for the understanding of the texts will be assumed and emphasis placed on interpretation, literary appreciation and the generic and/or historical background of the texts.

#### LATN4011

##### Latin Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Classes:** two seminars, each seminar meeting for 3 hours per week for one semester **Prerequisites:** Credit average in 42 senior credit points of Latin including two of LATN3603, 3604, 3605, 3606 plus 6 additional senior credit points of Greek, Latin or Ancient History. **Assessment:** a thesis of 15,000 words, 6,000 words of written work or its equivalent for each seminar and one exam

*Note: Department permission required for enrolment.*

The Honours program in Latin consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for three hours for one semester
3. one unseen exam on a Latin text.

The thesis should be of 15,000 words in length. Each seminar requires 6,000 words of written work or its equivalent.

The thesis is worth 45% of the final Honours mark, each of the seminars is worth 22.5% and the unseen exam is worth 10%.

The following seminars are on offer in 2010:

Latin Republican Poetry (Assoc Prof Lindsay Watson)

Latin Imperial Prose (Dr Paul Roche)

For more information, contact Dr Alastair Blanshard, Honours coordinator.

#### LATN4012

##### Latin Honours B

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to LATN4011 **Corequisites:** LATN4011 **Assessment:** Refer to LATN4011

Refer to LATN4011

#### LATN4013

##### Latin Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to LATN4011 **Corequisites:** LATN4012 **Assessment:** Refer to LATN4011

Refer to LATN4011

**LATN4014****Latin Honours D**

**Credit points:** 12 **Teacher/Coordinator:** Dr Alastair Blanshard **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to LATN4011 **Corequisites:** LATN4013 **Assessment:** Refer to LATN4011

Refer to LATN4011

## Legal Studies (For continuing Bachelor of Arts and Sciences students only; no major available)

**SLSS1001****Introduction to Socio-Legal Studies**

**Credit points:** 6 **Teacher/Coordinator:** Dr Allen George **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Assessment:** class participation (10%), one 1500 word take-home exam (40%), one 3000 word essay (50%)

*Note: Available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only*

This unit provides students with an introduction to the understanding of legal ideas, institutions and practices in their social and historical contexts. It will provide an historical overview of legal institutions and forms of law in Australia, the place of the idea of the rule of law in state-formation, liberalism, processes of civilization and colonialism, law and the public/private distinction, changing conceptions of human rights, as well as outlining the central features of the various fields of law.

*Textbooks*

Unit reader will be available through the Copy Centre

**SLSS1003****Law and Contemporary Society**

**Credit points:** 6 **Teacher/Coordinator:** Dr Greg Martin **Session:** Semester 2 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Assessment:** one 500 word tutorial presentation, one 1500 word take-home exam, one 3000 word essay

*Note: Available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only*

This unit provides an understanding of the central themes and issues in social scientific analyses of the operation of law in society. After briefly outlining the various ways in which social life is organised in terms of law, the unit will examine a range of key concerns in the development of legal ideas, institutions and processes today, including the increasing legal regulation of private life, law and science, human rights, the globalisation of law, terrorism, risk and security, law and social inequality and citizenship.

*Textbooks*

Unit reader will be available through the Copy Centre

## Linguistics

**LNGS1001****Structure of Language**

**Credit points:** 6 **Teacher/Coordinator:** Prof B Foley **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** LNGS1004, LNGS1005 **Assessment:** Ten short problem based assignments, each about 150 words, for a total of 1500 words; one 1 hour mid-term exam (equivalent to 1000 words); one 2 hour formal final examination (equivalent to 2000 words)

This unit is a comparative look at the general structure of human language. It looks at the sounds of human language: how the speech organs make them and their variety, in particular, a detailed description of English consonants and vowels and how to transcribe them. It investigates what is a possible word in English and other languages. It looks at the way speakers put words together to form sentences and how and why is English different from Japanese or even Irish.

*Textbooks*

V. Fromkin, R. Rodman, N. Hyams, P. Collins, M. Amberber and Mark Harvey. 2009. *An Introduction to Language*. Cengage Learning. Sixth Edition.

**LNGS1002****Language and Social Context**

**Credit points:** 6 **Teacher/Coordinator:** Dr T Borowsky **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Assessment:** Five 250 word short assignments (totalling 1500 words), one 1 hour midterm exam (1000 words) and one 2 hour final exam (2000 words)

This unit introduces the study of the interrelationship between language and society. It is concerned with phenomena of language change and how that leads to varieties in a language. How are these varieties linked to social differences? What distinguishes male speech from female speech or what are the linguistic styles of different social classes or ethnic groups? What is slang, or jargon, and what distinguishes a casual conversation from an interview?

*Textbooks*

Mesthrie, R., Swann, J., Deumert, A., Leap, W. 2000. 'Introducing Sociolinguistics'. Edinburgh University Press.

**LNGS1801****Linguistics Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Linguistics at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Linguistics.

**LNGS2602****Syntax**

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Simpson **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour workshop per week **Prerequisites:** LNGS1001 or LNGS1005 or LNGS1004 **Prohibitions:** LNGS2002 **Assessment:** Five problem sets, totalling equivalent 2500 words and one 2 hour examination - consisting of problems (equivalent 2000 words)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Syntax deals with how we combine words into phrases, clauses and sentences and how we understand these combinations. Syntax is almost purely internal to language and plays a major role in organising the language system. We look at syntactic concepts in English, languages of Europe and Asia, and those of small traditional communities around the world. Using a problem solving approach, we develop explicit models to describe syntactic phenomena that allow generalisations leading to testable predictions about possible structures.

**LNGS2603****Functional Grammar**

**Credit points:** 6 **Teacher/Coordinator:** Prof J R Martin **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour workshop per week **Prerequisites:** One of ENGL1000, ENGL1005, ENGL2619, ENGL2647, LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005, LNGS2601, LNGS2602, LNGS2604, LNGS2620, LNGS2621, MECO1001, MECO1003, WRIT1001 **Prohibitions:** LNGS2003 **Assessment:** Four 500 word term assignments and one 2 1/2 hour exam

This unit takes a functional view of grammar, considering the ways in which English is organised to build up our picture of reality, to enable us to interact in conversation and to make our contribution coherent and relevant. It is designed to give students analysis skills in the analysis of ideational, interpersonal and textual meaning in the clause, the nature of inter-clausal relations, and the structure of nominal, verbal and adverbial groups and prepositional phrases.

*Textbooks*

Geoff Thompson, *Introducing Functional grammar*.

**LNGS2604****Discourse Analysis**

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Simpson **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour workshop per week **Prerequisites:** One of ENGL1000, ENGL1005, ENGL2619, ENGL2647, LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005, LNGS2601, LNGS2602, LNGS2603, LNGS2620, LNGS2621, MECO1001, MECO1003,

WRIT1001 **Prohibitions:** LNGS2004 **Assessment:** Four 500 word term assignments and one 2500 word essay

This unit of study provides an introduction to discourse analysis, which is concerned with the way in which texts are organised in relation to their social context. In linguistics, the term 'discourse' covers both a) the organisation of linguistic units above the sentence level (cohesion), and b) language in use or context (register and genre). The course will include analysis of texts combining language with image, from the perspective of critical discourse analysis.

*Textbooks*

J R Martin & David Rose, Working with Discourse, 2nd edition.

### LNGS2613

#### Computer Applications in Linguistics

**Credit points:** 6 **Teacher/Coordinator:** Dr M Zappavigna **Session:** Semester 2 **Classes:** 2 1hr lectures **Prerequisites:** Two of LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005, WRIT1001 **Prohibitions:** LNGS2027, LNGS2007 **Assessment:** 6 written assignments - each equivalent to 1000 words.

This unit of study introduces students to the many uses of computers in the humanities with specific reference to linguistics: computer lexicography; building and searching text corpora, examining speech signals, collocations, style, authorship, discourse structure and syntactic constructions. Accessing information on languages and linguistics through library catalogues, electronic mailing lists, FTP sites and the World Wide Web. Other linguistics units (like phonetics, field methods, historical linguistics and semantics) will benefit from some basic knowledge of the use of computers.

### LNGS2614

#### Language Acquisition

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Simpson **Session:** Semester 2 **Classes:** one 2 hr lecture and one 1 hr tutorial/wk **Prerequisites:** Two of LNGS1001, LNGS1002, LNGS1003, LNGS1004 LNGS1005, WRIT1001 **Assessment:** Research paper, other written assignments (total of 4500 words)

Around the age of two when a child knows virtually nothing at all about complex systems s/he begins to acquire and use one of the most complex of all systems: language. This is done without any formal instruction or even in many cases with any real attention being paid to it. This is a remarkable feat as anyone who has tried to learn another language can attest. How the child does this is the subject matter of this course. We will consider what it is about the human child that makes language learning possible and why dogs or chimpanzees for example do not learn language. What is the role of the child's caretaker? Do parents actually teach their children or not? Why do children babble? How do they learn not to say ungrammatical things when no one ever says them or even tells them they are impossible? When do they learn different aspects of the grammar? How do they know that you can say 'I gave the book to Mary' and 'I gave Mary the book' and 'I opened the book for Mary' but not 'I opened Mary the door'? We will look at many experimental studies illustrating the child's knowledge of complex aspects of grammar. Topics covered: innateness; maturation; topics in the acquisition of phonology, morphology, syntax and semantics. Each student will have first hand experience in studying the emergence of language.

### LNGS2615

#### Language, Brain and Mind

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Simpson **Session:** Semester 1 **Classes:** (one 2 hr lecture and one 1 hr tutorial)/wk **Prerequisites:** Two of LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005, WRIT1001, LNGS2620 and LNGS2621 **Assessment:** research paper, reading journal, class presentation, mid-term exam

We will discuss current findings in the field of psycholinguistics. How is language represented and processed or computed by the brain. We will look at experimental work considering the methods and results in an effort to understand the apparent ease with which language is used in everyday life as well as considering the implications of psycholinguistic research for linguistic theory. Topics discussed: language and the brain, speech perception, the mental lexicon and

lexical retrieval, sentence and discourse comprehension, language production, language and cognition, nativism.

### LNGS2620

#### Phonetics

**Credit points:** 6 **Teacher/Coordinator:** Dr T Borowsky **Session:** Semester 1 **Classes:** Two 1hour lectures and one 1hour tutorial/lab per week. **Prerequisites:** LNGS1001 **Prohibitions:** LNGS2601 **Assessment:** 500 word assessment on acoustic analysis. 500 word assessment on transcription tasks. 2500 word final exam. 1000 word quiz.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit will provide an introduction to the study of articulatory, acoustic and perceptual phonetics. Approaching the study of phonetics from both the theoretical and practical sides students will learn about the anatomical and physiological bases of the production of speech sounds. They will learn to produce and discern a wide range of the sounds observed in human languages and have practise in transcribing these sounds as well as applying these skills to the wider field of transcription, for example song texts/musical transcription. An introduction to the physical (acoustic) properties of speech sounds provides the basis for an understanding of what acoustic factors matter in speech perception.

### LNGS2621

#### Phonology

**Credit points:** 6 **Teacher/Coordinator:** Dr T Borowsky **Session:** Semester 2 **Classes:** Two 1hour and one 1hour tutorial per week. **Prerequisites:** LNGS1001 **Prohibitions:** LNGS2601 **Assessment:** One 2000 word assessment: 5 problem sets: phonological analysis exercises. One 2500 word final exam.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This course will provide a foundation in the principles and methods of linguistic argumentation particularly with respect to phonological analysis and the interaction of phonetics and phonology. Development of theories from SPE through to Optimality Theory. Topics include: basic phonological analysis; distinctive features, underlying representations, abstractness, rules and constraints, the role and function of prosodic structure: the prosodic hierarchy syllables, tone and stress; markedness.

### LNGS2805

#### Linguistics Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Linguistics at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Linguistics.

### LNGS2806

#### Linguistics Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Linguistics at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Linguistics.

### LNGS2809

#### Linguistics Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Linguistics at an approved overseas university should enrol in this unit. Such students must seek



approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Linguistics.

### LNGS2810 Linguistics Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Linguistics at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Linguistics.

### LNGS2811 Linguistics Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Linguistics at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Linguistics.

### LNGS2812 Linguistics Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Linguistics at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Linguistics.

### LNGS3601 Semantics and Pragmatics

**Credit points:** 6 **Teacher/Coordinator:** Dr N Riemer **Session:** Semester 1  
**Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** one of LNGS2602 [Syntax], LNGS2603 [Functional Grammar], ENGL2619 [Semiotics of Language] and ENGL2653 [Varieties of English Grammar]  
**Prohibitions:** LNGS3026, LNGS3006 **Assessment:** Three 500 word exercises and one 3000 word essay

*Note: Compulsory for Honours students; other students may select as an option. This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

Semantics deals with the meaning of words, phrases, sentences and texts, and the relations between those meanings. Pragmatics deals with how speakers use context and shared information to convey information additional to the semantic content of what they say, and with how hearers make inferences on the basis of this information. Our goal is to explore the diversity of ways in which meaning can be expressed linguistically in different languages, as well as of what constitutes evidence for meaning.

### LNGS3604 Field Methods

**Credit points:** 6 **Teacher/Coordinator:** Dr J Simpson **Session:** Semester 1  
**Classes:** One 2 hour seminar and one 1/2 hour consultation per week  
**Prerequisites:** Credit average in 18 senior credit points of Linguistics including three of: LNGS2601 (or LNGS2001), LNGS2602 (or LNGS2002), LNGS2603 (or LNGS2003) or LNGS2604 (or LNGS2004), LNGS2620, LNGS2621  
**Prohibitions:** LNGS3925 **Assessment:** Two 1500 word assignments and one 3000 word assignment

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Techniques for eliciting, recording and analysing linguistic data collected from a speaker of a previously undescribed language. Formal elicitation of individual words and simple phrases. Analysis of the phonology and basic morphology of the language. Text collection.

Individual focus on some aspect of the phonological, lexicogrammatical or semantic system of the language.

#### Textbooks

Recommended readings:  
Newman, Paul, and Ratliff, Martha eds. 2001. *Linguistic fieldwork*. Cambridge; New York: Cambridge University Press.

### LNGS3606 Phonological Theory

**Credit points:** 6 **Teacher/Coordinator:** Dr T Borowsky **Session:** Semester 1  
**Classes:** 2 hour weekly seminar **Prerequisites:** LNGS2601 or (LNGS2620 and LNGS2621) **Prohibitions:** LNGS3002 **Assessment:** Four Problem sets (2500 words) and Research paper (3500 words)

The course will include discussion of issues in the content and structure of phonological representations and formalisms leading to the development of Optimality Theory. Topics include: the content and structure of phonological representation; multi-tiered phonology, syllable structure, epenthesis, metrical phonology, lexical phonology and the cycle/strata, prosodic phonology, feature geometry, underspecification theory, and the interfaces between phonology other modules of the grammar.

### LNGS3608 Corpus Linguistics and Linguistic Theory

**Credit points:** 6 **Teacher/Coordinator:** Dr T Borowsky **Session:** Semester 1, Semester 2  
**Classes:** 3 - 4 hours per week **Prerequisites:** LNGS2601 [or LNGS2001] and one of LNGS2602, LNGS2002, LNGS2003, LNGS2603  
**Assessment:** Design a corpus-500 words, do a frequent listing software -500 words, Analysis - 1,000 words, Research Essay - 2-2,500 words

*Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This unit of study examines the impact of corpus linguistics on the development of new linguistic theory. This involves more than an introduction to corpus methodology (including methods involved in building, annotating, analysing and storing a corpus and its metadata). Students will also learn assessment of representativeness, statistical significance, and qualitative analysis methods. They will explore the linguistic insights corpus linguistics offers, how these have affected modern theories for language, and how corpus linguistics can be used in language teaching.

### LNGS3690 Issues in Theoretical Linguistics

**Credit points:** 6 **Teacher/Coordinator:** Dr T Borowsky, Prof B Foley **Session:** Semester 1, Semester 2  
**Classes:** One 2 hour seminar per week **Prerequisites:** Credit average in 18 senior credit points of Linguistics. The units must include LNGS2601 [or LNGS2001], and at least one of LNGS2602, LNGS2002, LNGS2003 and LNGS2603 **Prohibitions:** LNGS3914 **Assessment:** One 4000 word paper [this may be staged to include abstract preparation and bibliographic work, and to incorporate revision on the basis of feedback from this and from the tutorial paper which may include peer feedback] and one 2000 word tutorial paper

This unit introduces students to the methods of linguistic argument through careful study of a current debate in theoretical linguistics. Students learn to identify and assess the underlying assumptions, to work out what evidence would confirm or disconfirm the hypotheses made by different parties in the debate, and to draw conclusions as to which hypotheses are more likely to be useful or correct. They also learn to situate the debate within the wider contexts of linguistic theories and language description. Students are asked to contact staff members to discuss potential topics.

### LNGS3699 Linguistics Research Issues

**Credit points:** 6 **Teacher/Coordinator:** Dr T Borowsky, Prof B Foley **Session:** Semester 1, Semester 2  
**Classes:** One 2hour seminar per week **Prerequisites:** Credit average in 18 senior credit points in linguistics, including at least 2 of LNGS2601, LNGS2001, LNGS2602, LNGS2002, LNGS2603, LNGS2003, LNGS2604, LNGS2004, LNGS2620, LNGS2621. **Prohibitions:** LNGS3940  
**Assessment:** One 6000 word research paper which will be done in stages and reported on through each stage and presented formally in seminar

*Note: Department permission required for enrolment. Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.*

This seminar aims to prepare students for research in linguistics through critical reading and discussion of current issues and approaches in research and criticism, focussing on a particular subfield of linguistics.

#### LNGS4011 Linguistics Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr T Borowsky **Session:** Semester 1, Semester 2 **Classes:** 2 hour seminar per option per week **Prerequisites:** Prerequisites: Credit average in 48 senior credits points, including at least three of the five units LNGS3601, LNGS2602, LNGS2604, LNGS2620, LNGS2621.

*Note: Department permission required for enrolment.*

The Honours program in Linguistics consists of:

a thesis written under the supervision of one or more members of academic staff, which may include members of staff from other departments for students undertaking joint honours.

2 seminars that meet weekly for two hours for one semester.

an unassessed support seminar that meets weekly for one hour for one semester

The thesis should be of 18,000-20,000 words in length. Each seminar requires 6000-8000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.

Seminars will be offered from the following list in 2010:

Systemic Functional Linguistics master-class (Michele Zappavigna)

Language study in the field (Toni Borowsky, Bill Foley, Linda Barwick, Jane Simpson)

Special seminar (Toni Borowsky, Bill Foley, Linda Barwick, Jane Simpson)

Students considering enrolling in Linguistics IV honours are encouraged to consult with the Linguistics Honours Coordinator as early as possible, preferably towards the end of their third year. The Department of Linguistics encourages joint honours programs.

#### LNGS4012 Linguistics Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** LNGS4011

See LNGS4011

#### LNGS4013 Linguistics Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** LNGS4012

See LNGS4011

#### LNGS4014 Linguistics Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** LNGS4013

See LNGS4011

## Media and Communications

#### MECO1001 Australian Media Studies

**Credit points:** 6 **Teacher/Coordinator:** Dr M Brennan **Session:** Semester 1 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Assessment:** One 1200 essay (30%); One 1800 essay (40%); One 2 hour exam (30%)

*Note: Available to BA (Media and Comm) and BSc (Media and Comm) students only.*

This unit offers an introduction to the history and theory of media and communications studies. Students will gain a foundation in key concepts, methodologies and theorists in the field. They will also explore the interdisciplinary roots of media and communications studies and acquire basic research skills. By the end of the unit students should be familiar with major shifts in the history and theory of media and communications studies and with basic concepts and methodologies in the field.

*Textbooks*

It is recommended that students purchase a reader from the Copy Centre.

#### MECO1003 Principles of Media Writing

**Credit points:** 6 **Teacher/Coordinator:** Dr A Castillo **Session:** Semester 2 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Assessment:** One 400 word news story (20%); one 500 word colour news story (20%); one 700 word broadcast script (20%); one 2 hour exam (30%); attendance and participation (10%)

*Note: Available to BA (Media and Comm) and BSc (Media and Comm) students only.*

This unit will give students foundational skills in writing for the print and broadcast media. Students will learn the elements of journalistic style, how to structure news and feature articles, how to script basic broadcast and online news, and be introduced to the principles of interviewing and journalistic research.

*Textbooks*

Course reader;

Recommended readings:

David Conley, 'The Daily Miracle: An Introduction to Journalism', Oxford University Press, Melbourne, 1997; Style, News Custom, 2005.

Graeme Turner and Stuart Cunningham, Media and Communications in Australia, Allen and Unwin, Sydney, 2006; Style, News Custom, 2005

#### MECO2601 Radio Broadcasting

**Credit points:** 6 **Teacher/Coordinator:** Dr F Martin **Session:** Semester 1 **Classes:** One 1 hour lecture and one 2 hour workshop per week **Prerequisites:** 12 junior credit points of MECO units **Prohibitions:** MECO2001 **Assessment:** One radio news exercise (equivalent 100 words), one 2500-word critical reflection journal, one group radio production and documentation (equivalent 2000 words) **Practical field work:** Students are encouraged to join the University of Sydney Radio Society

*Note: Available to BA (Media and Comm) and BSc (Media and Comm) students only.*

This unit is designed to introduce students to the history, nature and contemporary status of radio. It specifically considers such concepts as news values and the role of the Internet in audio broadcasts. Students will also apply critical analytical approaches to radio and online broadcast texts. Practically, the unit offers an introduction to radio presentation and production, using professional quality digital audio recording and editing facilities.

*Textbooks*

Phillips, G and Lindgren, M (2002) Australian Broadcasting Journalism Manual, 2nd edn., Oxford University Press.

It is also recommended that students purchase a reader from the Copy Centre

#### MECO2603 Media Relations

**Credit points:** 6 **Teacher/Coordinator:** Dr M Brennan **Session:** Semester 2 **Classes:** One 1 hour lecture and one 2 hour tutorial per week **Prerequisites:** 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) **Prohibitions:** MECO2003 **Assessment:** 1. Media Relations Campaign (2500 words) (35%) 2. Press Conference Presentation (1000 words equiv.)(20%) 3. Final Exam (1000 words) (35%) 4. Tutorial Participation (10%)

*Note: Available to BA(Media and Comm) and BSc (Media and Comm) students only.*

This unit of study will examine the relationships between stakeholders with an interest in public communication including the environmental groups, media, the corporate sector, government, not for profit industries and health and community relations. This unit provides an overview of media relations theory including issue framing, agenda setting, and co-relational development. It examines image, reputation and relationship building. Students learn to develop a media relations campaign strategy, budget and timeline, using tactical approaches for successful media relations. Students will learn to identify controlled and uncontrolled media, set research priorities and objectives and framing a client response.

*Textbooks*

A Required course reader can be purchased from the University Copy Centre.

Recommended Reading:

Stanton R 2007 Media Relations Oxford University Press Melbourne

**MECO2805****Media and Communications Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr M Brennan **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Media and Communications at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Media and Communications.

**MECO2806****Media and Communications Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr M Brennan **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Media and Communications at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Media and Communications.

**MECO2807****Media and Communications Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr M Brennan **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Media and Communications at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Media and Communications.

**MECO2808****Media and Communications Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr M Brennan **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Media and Communications at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Media and Communications.

**MECO3601****Video Production**

**Credit points:** 6 **Teacher/Coordinator:** Dr S Maras **Session:** Semester 2  
**Classes:** One 2 hour lecture and one 2 hour workshop per week **Prerequisites:** 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) **Prohibitions:** MECO3001 **Assessment:** 80 second New Piece (equivalent 1300 words, done in pairs); Six-minute video (equivalent 2000 words, group work); Analysis in take-home exam format (equivalent 1200 words). **Practical field work:** This is a practical media production and theory unit.

*Note: Available to BA (Media and Comm) and BSc (Media and Comm) students only.*

This is an introduction to the theory and practice of digital video production, with a strong practical component, emphasizing information-based programming (news, current affairs, corporate video, documentary and infotainment). Students will be expected to produce short video items individually and in groups, using professional standard desktop editing software.

**Textbooks**

There is a recommended Reader, available from the University Copy Centre.

Supplementary text:

Martha Mollison, Producing Videos: A Complete Guide. 2nd edition. AFTRS/Allen & Unwin: Sydney, 2003.

**MECO3602****Online Media**

**Credit points:** 6 **Teacher/Coordinator:** Dr F Martin **Session:** Semester 2  
**Classes:** One 1 hour lecture and one 2 hour seminar per week **Prerequisites:** 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) **Prohibitions:** MECO3002 **Assessment:** Group produced web site (50%); one two hour exam (30%); one web site proposal (20%) **Practical field work:** This unit will involve substantial group web site production project work outside of class time.

*Note: Available to BA(Media and Comm) and BSc (Media and Comm) students only.*

This unit will examine the role of the Internet, and the way new media is changing the media landscape. By the end of the unit, students will be familiar with key theoretical and cultural issues in online media, and will have a critical framework with which to engage in analysis of the Internet. Students will also gain practical skills in writing and producing for the web and will develop their own web sites in teams.

**Textbooks**

Flew, Terry (2008) 'New Media: An Introduction'. 3rd Edition. Melbourne: Oxford University Press. There is a class reader available from the University Copy Centre.

**MECO3603****Media, Law and Ethics**

**Credit points:** 6 **Teacher/Coordinator:** Dr S Maras **Session:** Semester 1  
**Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) **Prohibitions:** MECO3003 **Assessment:** One essay (40%, equivalent to 1700 words), one 2 hour exam (40%, equivalent to 2000 words) and one WebCT Posting (20%, equivalent to 800 words)

*Note: Available to BA(Media and Comm) and BSc (Media and Comm) students only.*

MECO3603 will introduce students to the area of Media Law and Ethics through discussion of key legal, ethical, and cultural issues relevant to journalism and the professional fields of public communication. Students will be given an introductory survey of the main ethical theories in Western thought to establish a framework within which to examine specific ethical issues that relate to media. They will also be introduced to those aspects of the law that impinge on the work of media professionals.

**Textbooks**

There is a Reader of key articles, available from the University Copy Centre.

There are also two textbooks:

Catharine Lumby and Elspeth Probyn, Eds. Remote Control: New Media, New Ethics. Cambridge University Press, Melbourne, 2003.

Mark Pearson, The Journalist's Guide to Media Law: Dealing with Legal and Ethical Issues. \*3rd Edition. Allen and Unwin, Crows Nest, 2007

**MECO3605****Media Globalisation**

**Credit points:** 6 **Teacher/Coordinator:** Dr M Brennan **Session:** Semester 1  
**Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points to MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) **Prohibitions:** MECO3005 **Assessment:** One 2000 word essay (40%); tutorial presentation/debate (20%) and one 2 hour exam (40%)

*Note: Available to BA (Media and Comm) and, subject to departmental approval, students undertaking a major in Cultural Studies.*

This unit aims to demonstrate the complexity of media globalisation and to examine in depth some of the common assumptions associated with the term. While the unit will consider the impact of global market forces (i.e. cheap labour in developing countries, environmental issues, etc), it is interested in the dynamics of globalisation more generally, and media globalisation more specifically. Students can expect to appreciate that media globalisation is a complex proposal that involves formats, localisation, symbolic currency and negotiation.

**Textbooks**

It is recommended that students purchase a reader from the Copy Centre.

**MECO3606****Advanced Media Writing**

**Credit points:** 6 **Teacher/Coordinator:** Dr M Le Masurier **Session:** Semester 2  
**Classes:** One 1 hour lecture and one 2 hour workshop **Prerequisites:** 12 Junior credit points to MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) **Prohibitions:** MECO3006 **Assessment:**

Three feature articles in different genre, total 3, 900 words (85%); two brief tutorial presentations (15%). There is no exam.

*Note: Available to BA(Media and Comm) and BSc (Media and Comm) students only.*

This unit of study will build on foundational writing, research and interviewing skills acquired in MECO1003 Principles of Media Writing. The focus will be on writing for print media and will emphasise advanced feature and opinion writing genres. Students will also study the history of print media genres and consider theoretical issues relevant to feature writing.

*Textbooks*  
Course reader

### **MECO3609** **Critical Practice in Media**

**Credit points:** 6 **Teacher/Coordinator:** Dr M Brennan **Session:** Semester 2  
**Classes:** One 2 hour seminar per week **Prerequisites:** 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) **Assessment:** 6000 words comprised of final research essay or equivalent and formative work engaging with critical approaches that contributes to the final piece.

*Note: Available to BA(Media and Comm) and BSc (Media and Comm) students only.*

This unit of study is designed to draw together the key elements of theoretical and practical knowledge and skills that students have acquired in their media and communications studies. Using historical, cultural and industry-based frameworks and case studies, this unit of study will assist students to better understand the relationship between theory and practice in the field and assist them to become critical practitioners. By the end of the unit, students will be able to identify key debates around the relationship between theory and practice and demonstrate an awareness of how critical thinking and media production are capable of mutually informing each other in practice.

*Textbooks*  
Readings will be available online through WebCT and/or the Library electronic reserve.

### **MECO3671** **Media and Communications Internship**

**Credit points:** 6 **Teacher/Coordinator:** Dr M Brennan **Session:** Semester 1, Semester 2 **Classes:** There are no lectures, but attendance may be required at a programme of industry talks. **Prerequisites:** 30 senior credit points of MECO, including (MECO3603 or MECO3003). Students may not enrol in MECO3671 prior to the second semester of their 3rd year. **Prohibitions:** MECO3701, MECO3702 **Assessment:** Students must satisfy the requirements of an internship contract with their workplace, including attendance and performance, as evaluated through a workplace supervisor report.

*Note: Available to BA(Media and Comm) and BSc (Media and Comm) students only.*

The internship consists of a work placement comprising a minimum of 140 working hours in a media organisation, assisted and supervised by both the workplace and the department. Placements may include print, broadcast, online and new media, public relations and advertising organisations. Students will be required to present a 2000 word journal recounting their experiences during the internship. The internship and internship journal are assessed on a satisfactory/unsatisfactory basis.

### **MECO3672** **Internship Project**

**Credit points:** 6 **Teacher/Coordinator:** Dr M Brennan **Session:** Semester 1, Semester 2 **Prerequisites:** 30 senior credit points of MECO, including two of (MECO3602, MECO3603, MECO3002, MECO3003). Students may not enrol in MECO3672 prior to the first semester of their 4th year. **Corequisites:** MECO3671 **Prohibitions:** MECO3701, MECO3702 **Assessment:** One 4000 word research essay

*Note: All students must attend the Week One lecture, at which they sign up for one of 3 cycles of 4 x 3-hour seminars.*

This unit is based around the production of a 4000 word critical research essay drawn from issues encountered during and after the internship. Students are required to attend a cycle of four seminars, which they will direct (in the presence of the unit co-ordinator) to discuss and refine their research approaches and questions. Students

will also need to submit documentation of their research question and approach before submitting their essay.

*Textbooks*  
Stokes, Jane (2002) How to do Media and Cultural Studies, London: Sage

### **MECO4011** **Media and Communications Honours A**

**Credit points:** 12 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

**Credit points:** 12  
**Teacher/Coordinator:** Ms Alana Mann  
**Session:** Semester 1, Semester 2

**Classes:** Students are expected to attend weekly Honours seminars, and a reading group, and also attend Departmental seminars. Contact hours per week are between 5 and 6 hours including meeting with supervisors.

**Prerequisites:** Average of high credit or above in senior units within the completed BA (Media and Communications).

**Assessment:** All students will submit a long essay or 'thesis' on an approved topic of 18-20,000 words (or equivalent) in length. Additional assessments focused on research design, methodology and critical reading are undertaken primarily in first semester and comprise 12-13,000 words of written work. Mid year enrolment is not available.

**Note:** Department permission required for enrolment. Students from other institutions are accepted into the program, and are requested to provide samples of previous academic work as well as a proposal. Please contact the Honours coordinator.

#### **MECO4012 Media and Communications Honours B**

**Credit points:** 12 **Session:** Semester 1 **Corequisites:** MECO4011  
**Assessment:**

Refer to MECO4011

#### **MECO4013 Media and Communications Honours C**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Prerequisites:** MECO4011

**Corequisites:** MECO414

Refer to MECO4011

#### **MECO4014 Media and Communications Honours D**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Prerequisites:** MECO4011 **Corequisites:** MECO4013

Refer to MECO4011

The Honours program in Media and Communications consists of:

A thesis written or produced under the supervision of one or more members of academic staff

A seminar and companion reading group, each of two hours, that meet weekly during semester.

Attendance at Departmental seminars.

The thesis should be of 18,000-20,000 words or equivalent in length. The seminar requires 9,000-10,000 words of written work. While the reading group requires 3,000 words. The seminar and reading group combined are the equivalent of two 6,000-7,000 word seminars.

The thesis is worth 60% of the final Honours mark and other assessment comprises 40%.

For more information, contact Ms Alana Mann, Honours coordinator.

### **MECO4012** **Media and Communications Honours B**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** MECO4011

**Credit points:** 12 **Session:** Semester 1 **Corequisites:** MECO4011

Refer to MECO4011

### **MECO4013** **Media and Communications Honours C**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** MECO4012

Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: MECO4011

Corequisites MECO4014

Refer to MECO4011

#### MECO4014

##### Media and Communications Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** MECO4013

Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: MECO4011 Corequisites MECO4013

Refer to MECO4011

#### MECO4601

##### Honours Research Methods A

**Credit points:** 6 **Teacher/Coordinator:** Ms A Mann **Session:** Semester 1, Semester 2 **Classes:** One 2 hour seminar per week **Assessment:** 4000 words

*Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010*

This seminar will introduce students to key research methods and critical approaches in the media and communications fields and engage them in the close reading of theoretical texts. Students will also be required to give presentations and to actively engage in argumentation and critique.

#### MECO4602

##### Honours Research Methods B

**Credit points:** 6 **Teacher/Coordinator:** Ms A Mann **Session:** Semester 1, Semester 2 **Classes:** One 2 hour seminar per week **Corequisites:** MECO4601 **Assessment:** 4000 words

*Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010*

This seminar will extend and build on the skills acquired in MECO4601 - Honours Research Methods.

#### MECO4603

##### Honours Seminar A

**Credit points:** 6 **Teacher/Coordinator:** Ms A Mann **Session:** Semester 1, Semester 2 **Classes:** One 2 hour seminar per week **Assessment:** 4000 words

*Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010*

This seminar will give students an opportunity to develop their thesis outline in a peer review context, to present work for group discussion and to actively engage with other researchers. Students will be encouraged to experiment with new ideas, approaches and genres.

#### MECO4604

##### Honours Seminar B

**Credit points:** 6 **Teacher/Coordinator:** Ms A Mann **Session:** Semester 1, Semester 2 **Classes:** One 2 hour seminar per week **Corequisites:** MECO4603 **Assessment:** 4000 words

*Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010*

This seminar will extend and build on the skills acquired in MECO4603 - Honours Seminar A.

#### MECO4605

##### Honours Thesis A

**Credit points:** 6 **Teacher/Coordinator:** Ms A Mann **Session:** Semester 1, Semester 2 **Assessment:** Either a thesis of 12000-15000 words OR a media production of an agreed size PLUS a 6000-8000 word extended essay.

*Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010*

Regular consultation with supervisor is required, at which an agreed schedule of work will be negotiated.

#### MECO4606

##### Honours Thesis B

**Credit points:** 6 **Teacher/Coordinator:** Ms A Mann **Session:** Semester 1, Semester 2 **Corequisites:** MECO4605

*Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010*

See description in MECO4605 -Thesis A

#### MECO4607

##### Honours Thesis C

**Credit points:** 6 **Teacher/Coordinator:** Ms A Mann **Session:** Semester 1, Semester 2 **Corequisites:** MECO4606

*Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010*

See description in MECO4605-Thesis A.

#### MECO4608

##### Honours Thesis D

**Credit points:** 6 **Teacher/Coordinator:** Ms A Mann **Session:** Semester 1, Semester 2 **Corequisites:** MECO4607

*Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010*

See description in MECO4605-Thesis A.

## Medieval Studies

#### MDST2608

##### The First Crusade

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Pryor **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** At least 18 junior credit points from part A of the Table of units of study of which 12 credit points are from one subject. **Prohibitions:** MDST2008 **Assessment:** Two 1500-word essays plus a Thematic Essay in lieu of Exam

*Note: This unit of study may be counted towards a major in History*

Examines the Origins of the First Crusade and its impact on the Byzantine and Muslim worlds, social, economic, political, religious, and cultural conflicts and interactions leading up to the First Crusade. Issues examined include the problematical nature of the sources; the historical development of the three great faiths; religious attitudes to adherents to other faiths; Muslim jihad and Christian holy war; concepts of state; political institutions; social and economic contacts; the conduct of war by land and sea (including the critical issue of logistics); and intellectual contacts and influences.

##### Textbooks

The Course Guide available on the Centre for Medieval Studies website at: <http://www.arts.usyd.edu.au/Arts/departs/medieval/>

#### MDST2609

##### Crusade and Jihad

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof J Pryor **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** At least 18 Junior credit points from Part A of the Table of units of study, of which 12 credit points are from one subject. **Assessment:** Two 1500-word essays plus a Thematic Essay in lieu of Exam

*Note: This Unit of Study may be counted towards a Major in History.*

The unit examines the struggle for the Holy land between the conquest of Jerusalem by the First Crusade in 1099 and the fall of Acre to the Mamluk sultans of Egypt in 1291. It contextualizes that struggle within an examination of the political and religious structures of the Latin Western, Byzantine, and Muslim Near-Eastern worlds and then examines how the struggle impacted upon all three civilizations. Major focuses include the medieval concepts of Christian Crusade and Muslim Jihad.

##### Textbooks

The Course Guide is available on the Centre for Medieval Studies website at: <http://www.arts.usyd.edu.au/Arts/departs/medieval/>

#### MDST2614

##### The Legend of King Arthur

**Credit points:** 6 **Teacher/Coordinator:** Dr A Williams **Session:** Semester 1 **Classes:** One 1 hour lecture and two 1 hour seminars per week **Prerequisites:** At least 18 junior credit points from Part A of the Table of units of study, of which 12 credit points are from one subject. **Assessment:** One 1000-word essay, one 2000- word essay, one 10-minute class presentation

*Note: This unit of study may be counted towards a Major in History.*

The Arthurian legends treat many themes central to literature throughout the ages: love, betrayal, death, spirituality. This unit is highly innovative in that it is taught live, (via video link and WebCT) by a team of international experts from Sydney, the UK, Continental Europe and the US. We survey the Arthurian legend in its multiple manifestations across time and place, covering texts from the Middle Ages to the present day as well as representations in the visual arts (illuminated manuscripts, film).

### MDST2615

#### Intellectual History of the Middle Ages

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof V Karalis **Session:** Semester 1 **Classes:** One 2 hour seminar per week **Prerequisites:** At least 18 junior credit points from Part A of the Table of units of study, of which 12 credit points are from one subject. **Assessment:** Two 2500 word essays and one 1000 word class presentation

*Note: This unit of study may be counted towards a Major in History.*

This unit explores the foundations of the medieval mind in the Byzantine, Western European and Islamic worlds. It starts with the establishment of Constantinople and the fall of Rome (410 AD) and ends with the creation of independent academies in the Italian city-states during the fifteenth century. It examines the educational structure of the medieval empires through school and monasteries, the establishment of universities and the revival of learning in the twelfth century.

### MDST4011

#### Medieval Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** A/Prof J Pryor **Session:** Semester 1, Semester 2 **Prerequisites:** Units of study to the value of at least 48 Senior credit points from Medieval Studies units of study or from cross-listed units of study (including at least two MDST units of study to the value of 12 credit points), all with a credit average **Assessment:** A thesis of 15-20,000 words plus one 6-8000 word seminar paper per seminar

*Note: Department permission required for enrolment.*

Medieval Studies IV Honours is a 2-semester programme consisting of:

A thesis of 15,000 - 20,000 words, written under the supervision of a member of staff nominated by the Co-ordinator and three 1-semester seminar units of study or equivalent.

Note: It is important that prospective IV-Honours students consult the Co-ordinator to ensure that their choice of Senior-level units of study is appropriate to their intentions for IVth Year.

Normally, although this may be varied in individual cases, the coursework is worth 60% of the total mark and the thesis is worth 40%.

### MDST4012

#### Medieval Studies Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** MDST4011

Refer to MDST4011.

### MDST4013

#### Medieval Studies Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** MDST4012

Refer to MDST4011.

### MDST4014

#### Medieval Studies Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** MDST4013

Refer to MDST4011.

## Modern Greek Studies

### MGRK1601

#### Junior Modern Greek 1

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis **Session:** Semester 1 **Classes:** 4 hours per week **Prohibitions:** MGRK1101

**Assessment:** Continuous assessment (class exercises) equivalent to 2500 words, 2 hour exam.

Practical language classes for students who have very little or no prior knowledge of Greek. The unit is based both on communicative methodology and a functional approach to language. By using the Greek language in a range of contexts, students will develop spoken communication (speaking and listening) skills and to a lesser extent written communication (reading and writing) skills.

*Textbooks*

Supplied through the department.

### MGRK1602

#### Junior Modern Greek 2

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** MGRK1101 or MGRK1601 **Prohibitions:** MGRK1102 **Assessment:** Continuous assessment (class exercises) equivalent to 2500 words, 2 hour exam.

This unit is a continuation of MGRK1601. It aims at strengthening students' oral communication skills and further developing their written skills. Having completed MGRK1602, students in their second year will normally enter MGRK2601.

*Textbooks*

Supplied through the department.

### MGRK1621

#### Junior Modern Greek 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Panayiota Nazou **Session:** Semester 1 **Classes:** 4 hours per week **Prerequisites:** Modern Greek Continuers or Modern Greek Extension or equivalent language proficiency as determined by the department **Prohibitions:** MGRK1101, MGRK1501, MGRK1401 **Assessment:** 1000 word assignment, continuous assessment consisting of 6 tasks (equivalent to 1500 words), 2 hour exam, class participation.

This unit revises and consolidates the main structures of Greek grammar and syntax and provides an overview of recent Greek history. The language component focuses on developing writing and reading skills by introducing students to the essential morphological structure of the Greek language. The history component offers an insight to some of the most important issues of Greek history since the enlightenment.

*Textbooks*

Supplied through the department.

### MGRK1622

#### Junior Modern Greek 4

**Credit points:** 6 **Teacher/Coordinator:** Dr Anthony Dracopoulos **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** MGRK1621 or MGRK1401 or equivalent language proficiency as determined by the department **Prohibitions:** MGRK1101, MGRK1102, MGRK1402 **Assessment:** 1000 word assignment, continuous assessment consisting of 6 tasks (grammar exercises and compositions, equivalent to 1500 words), 2 hour exam, class participation.

This unit is a continuation of MGRK1621. Enrolment into this unit without completion of MGRK1621 is possible after consultation with the chair of the department.

### MGRK2601

#### Senior Modern Greek 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Panayiota Nazou **Session:** Semester 1 **Classes:** 2 hours language and 2 hours cultural and historical survey per week **Prerequisites:** MGRK1102 or MGRK1602 or special permission by the department **Prohibitions:** MGRK1501, MGRK2001 **Assessment:** 1000 word assignment, continuous assessment (language exercises and class tests, equivalent to 1000 words), 2 hour exam.

The core of this unit is practical language segments aimed particularly at developing skills of listening, speaking and writing. It also provides introductory lectures on the history and culture of speakers of Greek in the post-classical world. Political and social developments described in lectures will be linked to the reading of texts; some in Greek, illustrating how Greek culture and literature have reacted to historical change and ideological repositioning.

*Textbooks*

Supplied through the department.

**MGRK2602****Senior Modern Greek 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Anthony Dracopoulos **Session:** Semester 2 **Classes:** 2 hours language and 2 hours cultural and historical survey per week **Prerequisites:** MGRK2001 or MGRK2601 or special permission by the department **Prohibitions:** MGRK1502, MGRK2002 **Assessment:** 1000 word assignment, continuous assessment (language exercises and class tests, equivalent to 1000 words), 2 hour exam.

This unit is a continuation of MGRK2601, and builds upon the knowledge and skills acquired during Semester 1.

*Textbooks*

Supplied through the department.

**MGRK2603****Style and Expression**

**Credit points:** 6 **Teacher/Coordinator:** Dr Anthony Dracopoulos **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** MGRK1402 or MGRK1622 or MGRK2002 or MGRK2602 or special permission by the department **Prohibitions:** MGRK2203 **Assessment:** 4 compositions and 4 exercises (equivalent to 2500 words), 2 hour exam.

The unit builds on the structures analysed in MGRK1604 and MGRK2602. Its particular purpose is to develop students' ability to write substantial continuous passages of Greek, concentrating on different methods for the effective building of clauses into sentences and sentences into paragraphs.

*Textbooks*

Supplied through the department.

**MGRK2609****Theory and Practice of Translation A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Panayiota Nazou **Session:** Semester 2 **Classes:** 2 hours of lectures and 1 hour tutorial per week **Prerequisites:** MGRK1202 or MGRK1402 or MGRK1622 or MGRK2002 or MGRK2602 or special permission by the department **Prohibitions:** MGRK3210 **Assessment:** Continuous assessment, 2 class tests, take home exam.

This unit offers an introduction to translation including both basic techniques and advanced skills. Students practice translation both from Greek to English and from English to Greek. Introductory lectures in the theory of translation will incorporate contemporary approaches, and will provide a solid foundation for the better understanding of translation as cultural mediation.

*Textbooks*

Supplied through the department.

**MGRK2621****Greek Modernism**

**Credit points:** 6 **Teacher/Coordinator:** Dr Anthony Dracopoulos **Session:** Semester 1 **Classes:** 1 hour lecture and 1 hour tutorial per week **Prerequisites:** At least 18 junior credit points from Part A of the table of units of study, of which 12 credit points are from 1 subject, or special permission by the chair of department **Prohibitions:** MGRK2508 **Assessment:** Class presentation (equivalent to 1000 words), 3000 word essay, take home exam (2000 words).

Focusing on a selection of Giorgos Seferis' poetry and Odysseas Elytis' "Axion Esti", this unit aims at introducing students to the change brought to Greek literary life by the movement of modernism during the 1930s. Together with the analysis of specific poems, it also attempts to place the Greek movement within the wider context of European modernism and to identify their differences and similarities.

*Textbooks*

Supplied through the department.

**MGRK2631****Cultural Identities**

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis **Session:** Semester 1 **Classes:** 1 hour lecture and 1 hour tutorial per week **Prerequisites:** At least 18 junior credit points from part A of the table of units of study, of which 12 credit points are from one subject, or special permission by the Chair of the department. **Assessment:** Presentation (equivalent to 1000 words), essay (3000 words) and one take home exam (2000 words).

This unit of study examines the cultural conditions and social realities which contribute in forming the hybrid identities of the Greek/Australian community. It focuses on various forms of representation, through

literature, media, film, video clips, music, etc., and examines their psychological and existential significance. It explores relations developed in Australian society between various communities, and their role in articulating their identities in contemporary Australian society.

**MGRK2633****Social Norms/Stereotypes in Greek Cinema**

**Credit points:** 6 **Teacher/Coordinator:** Dr Panayiota Nazou **Session:** Semester 2 **Classes:** 1 hour lecture and 1 hour tutorial per week **Prerequisites:** At least 18 junior credit points from Part A of the table of units of study, of which 12 credit points are from one subject, or special permission by the chair of department **Prohibitions:** MGRK2513 **Assessment:** 3000 word essay, class presentation (equivalent to 1000 words), take home exam (2000 words).

This unit examines a number of the most important Greek films of the last fifty years that give insight into developing views of Greek society. It explores gender representations, social mobility, feminist issues, value systems, significant historical events, sex roles and attitudes towards outsiders. It also discusses stereotyping and ideological constructs, and investigates the relationship between cinematic technique and cultural meaning.

*Textbooks*

Consult the department.

**MGRK2653****Sex, Drugs and Music in Modern Greece**

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis **Session:** Semester 2 **Classes:** 1 hour lecture and 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in any subject **Prohibitions:** MGRK2523 **Assessment:** Final essay (4000 words), other written assignments (1000 words), class presentation (1000 words).

In this unit we study the development of alternative forms of culture in modern Greece during the last two centuries. It covers the development of the rebetika songs and their surrounding sub-cultural lifestyle, attitudes to sexuality (heterosexual and homosexual), forms of popular culture and their representational codes. It also examines the emergence of counter-cultural phenomena during the last two decades in music and cinema with special emphasis on cultural products created by women, migrants and other minorities in Greece.

**MGRK2675****New Testament Greek and its World A**

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis **Session:** Semester 1 **Classes:** 1 hour lecture and two 1 hour tutorials per week **Prerequisites:** 12 junior credit points in any subject **Prohibitions:** MGRK2525 **Assessment:** Final essay (2000 words), other written assignments (1000 words), class presentation (1000 words).

This unit explores, by means of language, the world, the ideas and the formation of the New Testament as the foundation book of Christian tradition. Language becomes the starting point for the structural analysis of the various books comprising the New Testament and for the close reading in their meaning. It also raises issues of translation and interpretation which were crucial for the establishment of major Christian doctrines and ethical values in different cultures. Finally, it offers a thorough examination of critical discussions about the continuing influences of the New Testament and investigates the discipline of New Testament studies in the beginning of the 21st century.

**MGRK2676****New Testament Greek and its World B**

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis **Session:** Semester 2 **Classes:** 1 hour lecture and two 1 hour tutorials per week **Prerequisites:** 12 junior credit points in any subject **Prohibitions:** MGRK2526 **Assessment:** Essay (2000 words), other written assignments (1000 words), class presentation (1000 words).

This unit examines the language, the world and the ideas of the New Testament based mainly on the structural analysis of its Epistles. It explores the language forms and the value systems contained in these texts through studying the linguistic layers determining their reception and interpretation. Tutorials are dedicated to the language itself

whereas lectures are exclusively focused to the semantic (theological, philosophical and psychological) analysis of texts.

### MGRK2691

#### Sociolinguistics in the Greek Diaspora

**Credit points:** 6 **Teacher/Coordinator:** Dr Panayiota Nazou **Session:** Semester 1 **Classes:** 2 hours per week **Prerequisites:** Credit or above in MGRK1402 or MGRK1622 or MGRK2002 or MGRK2602 or special permission by the department **Prohibitions:** MGRK2904 **Assessment:** 2 presentations (750 words each), 2000 word essay, take home exam (2500 words).

*Note: Department permission required for enrolment.*

This unit will examine Greek bilingualism from a historical and sociolinguistic perspective, including a brief comparative study of Katharevousa, its phonetics, morphology and syntax. This unit will also look at sociolinguistic aspects of bilingualism in relation to Greeks of the Diaspora.

*Textbooks*

Supplied through the department.

### MGRK2811

#### Modern Greek Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### MGRK2812

#### Modern Greek Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### MGRK2813

#### Modern Greek Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### MGRK2814

#### Modern Greek Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### MGRK2815

#### Modern Greek Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### MGRK3692

#### Theories of Literature

**Credit points:** 6 **Teacher/Coordinator:** Dr Anthony Dracopoulos **Session:** Semester 2 **Classes:** 2 hours per week **Prerequisites:** Credit or above in MGRK1402 or MGRK1622 or MGRK2002 or MGRK2602 or Special Entry Eligibility form signed by the chair of department **Prohibitions:** MGRK3901 **Assessment:** 3000 word essay, class presentation (1000 words), take home exam (2000 words).

*Note: Department permission required for enrolment.*

This unit introduces students to the major literary and cultural theories of the twentieth century and develops a wide variety of concepts, theoretical approaches and methodologies useful for the analysis of Modern Greek literature and culture.

*Textbooks*

Supplied through the department.

### MGRK4011

#### Modern Greek Honours A

**Credit points:** 12 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis **Session:** Semester 1, Semester 2 **Classes:** Two 2 hour seminars per week, one in Semester 1 and one in Semester 2 **Prerequisites:** A major in Modern Greek plus 16 additional credit points which must include MGRK2904 and MGRK3901 **Assessment:** A thesis of 18000-20000 words and 6000-8000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Modern Greek Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff

2. two seminars that meet weekly for two hours for one semester.

The thesis should be of 18000-20000 words. Each seminar requires 6000-8000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.

The following seminars are on offer in 2010:

Greek Literature in Film (Assoc Prof Karalis) Semester 1

Classical Heritage (Dr Anthony Dracopoulos) Semester 2

For more information, contact Assoc Prof Karalis, Honours coordinator.

### MGRK4012

#### Modern Greek Honours B

**Credit points:** 12 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis **Session:** Semester 1, Semester 2 **Corequisites:** MGRK4011

Refer to MGRK4011

### MGRK4013

#### Modern Greek Honours C

**Credit points:** 12 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis **Session:** Semester 1, Semester 2 **Corequisites:** MGRK4012

Refer to MGRK4011

### MGRK4014

#### Modern Greek Honours D

**Credit points:** 12 **Teacher/Coordinator:** Assoc Prof Vrasidas Karalis **Session:** Semester 1, Semester 2 **Corequisites:** MGRK4013

Refer to MGRK4011

## Music

### MUSC1501

#### Concepts of Music

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Winsome Evans **Session:** Semester 1 **Classes:** 2 hour lecture & 1 tutorial/wk **Prerequisites:** At least 67% in the NSW HSC Music 2 or 3-unit Music Extension, IB High Level Music or the equivalent skills as determined by the Chair of Unit **Prohibitions:** MUSC1503, MUSC1504 **Assessment:** Seven composition exercises (60%), two aural tests plus class work assessment in weekly aural tutorials (40%).

*Note: The Arts Music Unit holds a diagnostic test in the week before Semester 1 begins for those students who have not passed the prescribed HSC courses yet believe they have the equivalent aural and harmonic skills to attend Concepts of Music. Please phone the Unit for details by mid February.*

Research-based analysis of fundamental compositional concepts in a wide range of Western and non-Western musical styles (classical, popular, traditional, etc.) in order to complete set exercises in musical composition, complemented by integrated aural tutorials. The course will focus on aspects of melody, harmony and rhythm. All exercises are to be presented in neat, hand-written notation in book format.

### MUSC1503

#### Fundamentals of Music I

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Hindson/Daniel Rojas **Session:** Semester 1, Semester 2 **Classes:** 1 lecture and 2 tutorials (aural and written)/wk **Prohibitions:** MUSC1501 **Assessment:** Written and online music theory assessment (60%), aural assessment (30%), attendance and participation (10%)

An introduction to basic music literacy skills, including the ability to read and write music and an understanding of fundamental aspects of its structure and composition. The material covered in this course ranges from elementary skills such as the system of Western music notation through to more advanced skills such as melodic harmonization and dictation.

### MUSC1504

#### Fundamentals of Music II

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Hindson **Session:** Semester 2 **Classes:** 1 lecture and 2 tutorials (aural & written)/wk **Prohibitions:** MUSC1501 **Assumed knowledge:** Material covered in MUSC1503. Students interested in taking this course who have not completed MUSC1503 must see the lecturer beforehand to ascertain that they have the required knowledge.



**Assessment:** Written and online music theory assessment (60%), aural assessment (30%), attendance and participation (10%)

A more advanced exploration of music literacy skills. The material covered in this course ranges from the broad to the specific: from an examination of musical elements and the way they are used in a variety of musical genres through to specific compositional aspects such as four-part writing or analysis of melodic writing in different musical cultures.

### MUSC1506

#### Music in Western Culture

**Credit points:** 6 **Teacher/Coordinator:** Professor Kim Walker **Session:** Semester 2 **Classes:** 1 x 2hr lecture and 1 hr tut/wk **Assumed knowledge:** The ability to follow a musical score while listening to the music and some prior knowledge of elementary music theory. **Assessment:** Tutorial work (40%), 2000 word essay (40%), 60 minute exam (20%)

An historical study of Western music from the Classical Greeks to the present day focussing upon the problems of canon formation and the impact of music notation upon musical performance and composition throughout the ages. Analytical study of a number of works by major composers shows how musical meaning is constructed in relation to the development of tonality and other stylistic conventions.

### MUSC1507

#### Sounds, Screens, Speakers: Music & Media

**Credit points:** 6 **Teacher/Coordinator:** Dr Charles Fairchild **Session:** Semester 1 **Classes:** 2hr lecture and 1 tut/wk **Assessment:** One 1,000 word assignment (30%); one 500 word assignment (20%); one 500 word tutorial test (10%); one 2,000 word assignment (30%)

Music has been dramatically shaped and reshaped by every major change in communications technology in the 20th century from vinyl discs to MP3s. In this unit of study we will analyse such issues as the ways in which the early recording industry transformed jazz, the blues and country music, how the presentation of music on radio and television changed how the music industry created new musical celebrities, and the challenges the music industry faces as digital technology transforms the creation, distribution and consumption of music.

### MUSC2612

#### Arts Music Concert Performance 1

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Winsome Evans **Session:** Semester 1 **Classes:** 4 hour tutorials/week **Prerequisites:** 18 junior credit points, AND audition (contact the Unit one week before semester begins) **Assessment:** (1) 40 minute concert performance (repertoire not to be counted in any other performance course); (2) attendance at relevant classes, concerts and rehearsals; (3) programme notes (750 words)

*Note: Department permission required for enrolment.*

Performance on any instrument, in any style (classical, jazz, pop, traditional etc.) in lunch-time concerts in the Great Hall and the Old Darlington School. Students receive a written report, an advisory interview after each concert, peer student critiques and corrections to programme notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music). It is advised that MUSC2612 and MUSC2613 be taken over two consecutive semesters.

### MUSC2613

#### Arts Music Concert Performance 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Hiindson **Session:** Semester 2 **Classes:** 3 hour tutorials/week **Prerequisites:** MUSC2612 Arts Music Concert Performance 1 **Assessment:** (1) 45 minute concert performance (repertoire not to be counted in any other performance course); (2) attendance at relevant classes, concerts and rehearsals; (3) programme notes (750 words)

Performance on any instrument, in any style (classical, jazz, pop, traditional etc.) in lunch-time concerts in the Great Hall and the Old Darlington School. Students receive a written report, an advisory interview after each concert, peer student critiques and corrections to programme notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music).

It is advised that MUSC2612 and MUSC2613 be taken over two consecutive semesters.

### MUSC2614

#### Composition Workshop 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Paul Stanhope **Session:** Semester 2 **Classes:** 3 hour workshop/week **Prerequisites:** 12 junior credit points in music. **Assessment:** Attendance and participation in classes and concerts (30%), composition portfolio and process diary (60%), aural and/or written presentations (10%)

An open forum in which students are given an opportunity in a supervised environment to hear their original compositions rehearsed and performed, usually by other participating students. The workshops may be themed around particular genres and musical techniques which vary from semester to semester. eg. music theatre; drone-based compositions; song-writing; sound and rhythm; creating a sound space; media composition etc. The workshop encourages public performance term concerts of new music composed by workshop participants and acts as a forum for lectures from visiting composers and other music industry specialists.

### MUSC2618

#### Arts Music Ensemble 1

**Credit points:** 6 **Teacher/Coordinator:** Assoc Professor Winsome Evans **Session:** Semester 1 **Classes:** 4 tutorial hours/semester plus rehearsals and performances. **Prerequisites:** 18 junior credit points in no more than two subject areas. Some ensemble groups require an audition as well. **Assessment:** 1) Weekly tutorials (rehearsals in chosen group plus course tutorial); 2) Concert performance and administrative assistance; 3) A 3,000 word essay.

*Note: Department permission required for enrolment.*

Participation in an approved performance ensemble (where available), such as: the Sydney University Symphony Orchestra, the Gamelan Orchestra 'Langen Suka', the Renaissance Players, the Sydney Chamber Choir, the Sydney University Musical Society, SBS Orchestra, Sydney Youth Orchestra, Sydney Conservatorium Choir, Sydney Philharmonia Choir. Regular weekly rehearsals leading to concerts, supervised by a tutor to improve and develop ensemble performance skills, self-discipline, leadership and administrative prowess. Instruction in section leading, intonation and tone production.

### MUSC2619

#### Arts Music Ensemble 2

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Winsome Evans **Session:** Semester 1 **Classes:** 4 tutorial hours/semester plus rehearsals and performances. **Assessment:** 1) Weekly tutorials (rehearsals in chosen group plus course tutorial); 2) Concert performance and administrative assistance; 3) A 3,000 word essay.

Advanced performance in an approved performance ensemble (where available), such as: the Sydney University Symphony Orchestra, the Gamelan 'Langen Suka', the Renaissance Players, the Sydney Chamber Choir, the Sydney University Musical Society, SBS Orchestra, Sydney Youth Orchestra, Sydney Con Choir, Sydney Philharmonia Choir. Regular weekly rehearsals leading to concerts, supervised by a tutor to improve and develop ensemble performance skills, self-discipline, leadership and administrative prowess. Instruction in balance, section leading, intonation and tone production.

### MUSC2621

#### The Mediaeval Spanish Melting Pot

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Winsome Evans **Session:** Semester 1 **Classes:** 3 hours/week **Prerequisites:** 18 Junior credit points **Assumed knowledge:** Ability to read and comprehend musical notation and terminology **Assessment:** 4,500 word essay (or 4,000 word essay and a musical composition arrangement).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

An overview of secular music in mediaeval Spain: song and dance genres, minstrel and courtly traditions (including the dance songs of Martin Codax and the cantigas de Santa Maria of King Alphonso X), Arabic and Jewish influences on genres, styles of performance and structures of poetic texts. This course will consider performance issues and involve analysis of musical and poetic structures.

**MUSC2631****Fieldwork, Ethnography and Transcription**

**Credit points:** 6 **Teacher/Coordinator:** Dr Charles Fairchild **Session:** Semester 2 **Classes:** 2 hour lecture/week **Prerequisites:** 12 junior music credit points. Students will normally have completed either MUSC1501 Concepts of Music or MUSC1504 Fundamentals of Music II. **Assessment:** Field project (oral and written presentation - 4500 words); (40%) two transcriptions - 500 words each (30%); critical readings and class participation (500 word analysis) (30%)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit is a prerequisite for MUSC4011 Music Honours A (for BA Hons in Music). It examines a number of approaches to ethnomusicological fieldwork through critical readings on musical ethnography. Students will have the opportunity to apply this knowledge in a fieldwork project of their own choosing. Key ethnomusicological techniques such as audio and video recording, archiving and documentation will be introduced. The uses of transcription and analysis in ethnomusicology, and the latest technological aids to transcription will be introduced and discussed. A number of practical transcription exercises will also be examined.

**MUSC2651****Australian and Asian Music 1**

**Credit points:** 6 **Teacher/Coordinator:** Professor Anne Boyd **Session:** Semester 2 **Classes:** 2 hour lecture and 1 hr tut/week **Prerequisites:** 18 junior credit points **Assessment:** One 3000 word essay, or individual project (60%); a listening test (750 words - 15%); 3 on-line quizzes (15%); attendance and participation (10%)

*Note: An ability to read music at a basic level and an understanding of fundamental musical terminology would be an advantage in this unit of study but is not essential*

Australian musical culture focussing upon issues of identity and belonging including a study of Aboriginal, Asian and Pacific music and influences on musical composition in Australia since European settlement.

**MUSC2653****Introduction to Digital Music Techniques**

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Hindson **Session:** Semester 1 **Classes:** 3 hr lecture/demonstration/week **Prerequisites:** 18 Junior credit points **Assessment:** Sound recording and editing assignment (40%); creative assignment(s) (40%); class presentation, attendance and participation (20%).

*Note: An ability to read music at a basic level and an understanding of fundamental musical terminology would be an advantage in this unit of study but is not essential*

This unit is an introduction to the use of digital sound and music in creative and multimedia contexts. It is a practical course in which students are introduced to tools of sound creation and manipulation. In addition, participants will be exposed to a number of approaches to electroacoustic music creation across the 20th and 21st centuries. A basic knowledge of music concepts and ability to follow a piano score is required.

**MUSC2654****Popular Music**

**Credit points:** 6 **Teacher/Coordinator:** Dr Charles Fairchild **Session:** Semester 2 **Classes:** 2 hours/week **Prerequisites:** 18 junior credit points **Assessment:** Short analysis (1,000 words - 30%); tutorial test (500 words - 20%); major essay (4,500 words - 40%); class participation (10%).

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

How did early American blues and country music develop in tandem? How was punk different in the US, the UK and Australia? What are the origins of the DJ culture? This unit of study presents a thematic overview of a wide variety of styles, movements and spectacles. It examines major genres of popular music, their stylistic features and historical antecedents as well as modes of reception and the role of popular music in everyday life. No formal music training is necessary.

**MUSC2662****Film Music**

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Hindson & Dr Charles Fairchild **Session:** Semester 1 **Classes:** 2 hr lecture + 1 hr tut/week **Prerequisites:** 18 junior credit points **Assessment:** Written and/or music composition assignments (4,500 words).

*Note: An ability to read music at a basic level and an understanding of fundamental musical terminology would be an advantage in this unit of study but is not essential.*

This unit will introduce a wide array of aesthetic and compositional approaches to setting music for film, examine interrelations and convergences between the music and film industries, and apply these interrelations and convergences to practical scenarios. Learning will be supported by a wide range of films and scholarly sources.

**MUSC2666****A Global Sound: African American Music**

**Credit points:** 6 **Teacher/Coordinator:** Dr Charles Fairchild **Session:** Semester 2 **Classes:** 2 hours/week **Prerequisites:** 18 junior credit points. **Assessment:** Two 1000 word assignments; result of individual analysis. One 4,000 word assignment; result of individual research.

How did the music of enslaved and marginalised people eventually become a dominant force in contemporary popular culture? This unit will examine the local reinvention of a wide variety of African American musics in communities around the world. From soul and funk in West Africa to ska and reggae in the Caribbean, we will examine how music moves around the world and within local communities to make new forms of meaning.

**MUSC2670****Music Festivals and their Administration**

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Hindson **Session:** Semester 1 **Classes:** 2 hour seminar + 1 hr tut/week **Prerequisites:** 18 junior credit points **Assessment:** Participation and involvement including small written tasks as appropriate (e.g. preparation of a sample budget), 70% equivalent to 3000 words of assessment. One 1500 word written submission (30%)

This is a largely practical unit in which participants will be actively involved in the administration and management of musical festivals and/or concerts. They will learn the procedures and protocols necessary for a smooth behind-the-scenes operation of music event presentation through their own involvement as well as examination of event management nationally and internationally.

**MUSC2672****A Certain Beat: Australian Popular Music**

**Credit points:** 6 **Teacher/Coordinator:** Dr Charles Fairchild **Session:** Semester 1 **Classes:** One hour lecture and one hour tut per week. **Prerequisites:** 18 junior credit points. **Assessment:** two short analytical essays (1000 words each); one listening test (1000 words); one major essay (3000 words).

The history of Australian popular music presents us with a long and complex heritage. It reflects, in its very constitution, the lives of those who create it. This unit of study will explore the continuing experience and influence of a wide range of music made in Australia, from bush ballads to dance anthems, from Countdown and Rage. We will examine the folk revival of the 50s, pub rock of the 70s, punk and indie rock of the 80s and 90s as well as the emergence of the multiplicity of styles and expressions that mark the contemporary Australian music scene.

**MUSC2673****First Nights: Musical Premieres**

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Hindson **Session:** Semester 2 **Classes:** 1 hr lecture and 1hr tut/week. **Prerequisites:** 30 junior credit points in any subject area **Assessment:** Research essay (2,000 words) (30%), interview essay (1,500 words) (30%), review (1,000 words) (20%), presentation (eq. 500 words) (10%), participation (eq. 1,000 words) (10%).

The history of music is filled with memorable first nights. This course will study notable musical premieres from a range of historical periods, including Monteverdi's Orfeo (1607), Stravinsky's Le sacre du printemps (1913) and Philip Glass's Einstein on the Beach (1976). We will examine the process leading up to the premiere, the first

performance itself, as well as its reception. We will study the historical and cultural context for each piece in order to understand how composers worked at various times in music history. In addition, we will examine similar issues within the contemporary context. No formal musical training necessary.

### MUSC2674

#### History of the Musical

**Credit points:** 6 **Teacher/Coordinator:** Dr Charles Fairchild/Jacob Leonard **Session:** Semester 2 **Classes:** 2hr lecture/1hr tut per week. **Prerequisites:** 30 junior credit points **Assessment:** 2 essays (1,500 words each) (70%), Online journal (eq. 1,000 words) (20%), Participation (10%)

This course will survey the history and development of the Musical from its antecedents in both Europe and America (including operetta and minstrelsy) to the present day. Students will analyse the specific mechanics of the Musical (i.e., music, lyrics, book, design, etc.). They will also become familiar with key works in the repertoire, such as *Showboat* (1926), *Oklahoma!* (1943), and *Sweeney Todd* (1979). In addition, students will consider how the Musical has interacted with, reflected and contributed to social and political culture across the twentieth and twenty-first centuries. No formal musical training necessary.

### MUSC2679

#### The Music of Christianity

**Credit points:** 6 **Teacher/Coordinator:** Prof Anne Boyd **Session:** Semester 2 **Classes:** 2hr lect/1 hr tut per wk **Prerequisites:** 30 junior credit points. **Assessment:** Listening/short answer test (1500 words equivalent) (30%) Tutorial Presentation (15%) Individual Project essay, composition or performance (3000 words equivalent) (45%) Attendance and Participation (10%)

This 'survey' unit of study presents a diverse range of music written and performed as a response to Christianity within Western culture from its beginnings to contemporary times. The course will encompass the study of a broad range of significant works from a variety of composers and traditions. The focus will be upon the music rather than religion. Listening rather than score-reading will provide the main framework for study.

### MUSC2691

#### Revolutionary Voices: Music and Politics

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Hindson **Session:** Semester 1 **Classes:** 3 hours/week **Prerequisites:** 18 junior credit points. **Assessment:** Written assignments of 3000 words (50%), participation/reading (20%), online journal (20%).

This unit of study offers students a comprehensive understanding of interrelations and convergences between music and politics from a variety of musical genres and political circumstances. Students will be introduced to theoretical models for comprehending the social agency of musical expression, analyse the politics of convention and innovation within musical traditions, and examine musical dialogues that have reflected and influenced momentous social and political movements. No formal musical training necessary.

### MUSC2693

#### Advanced Fundamentals of Music

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Winsome Evans **Session:** Semester 1 **Classes:** 2 hr lect/wk and 1 hr tut/week **Prerequisites:** MUSC1504 Fundamentals of Music 2 or advanced music theory qualifications (eg 6th grade musicianship, 1B high level music) **Prohibitions:** MUSC1501 Concepts of Music, MUSC2615 Advanced Concepts **Assumed knowledge:** Material covered in MUSC1504 Fundamentals of Music 2 **Assessment:** 7 compositional exercises (sometimes subdivided into smaller components); 3 aural tests.

A composition course in which research-based analysis of aspects of music from a wide range of Western and non-Western styles (classical, popular, traditional, etc) and periods (mediaeval to modern) leads to composing set exercises in the styles and structures studied, integrated with complementary aural tutorials. Compositions are to be presented for assessment in neat, hand-written notation in a large book format.

### MUSC2810

#### Music Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

### MUSC2812

#### Music Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

### MUSC2813

#### Music Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

### MUSC3604

#### Arts Music Concert Performance 3

**Credit points:** 6 **Teacher/Coordinator:** Assoc Professor Winsome Evans **Session:** Semester 1 **Classes:** 4 hour tutorials/week **Prerequisites:** MUSC2613 Arts Music Concert Performance 2 **Assessment:** (1) 45 minutes concert performance (repertoire not to be counted in any other performance course); (2) attendance at relevant classes, concerts and rehearsals; (3) programme notes (1,000 words)

Performance on any instrument in any style (classical, jazz, pop, traditional, etc.) in lunch-time concerts in the Great Hall, MacLaurin Hall and the Old Darlington School. Students receive a written report, an advisory interview after each concert, peer student critiques and corrections to programme notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music). It is advised that MUSC3604 and MUSC3605 be taken over two consecutive semesters.

### MUSC3605

#### Arts Music Concert Performance 4

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Hindson **Session:** Semester 2 **Classes:** 3 hour tutorials/week **Prerequisites:** MUSC3604 Arts Music Concert Performance 3 **Assessment:** (1) 50 minute concert performance (repertoire not to be counted in any other performance course) including ensemble performance; (2) attendance at relevant classes, concerts and rehearsals; (3) programme notes (1,000 words)

Performance on any instrument, in any style (classical, jazz, pop, traditional etc.) in lunch-time concerts in the Great Hall, MacLaurin Hall and the Old Darlington School. Students receive a written report, an advisory interview after each concert, peer student critiques and corrections to programme notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music). It is advised that MUSC3604 and MUSC3605 be taken over two consecutive semesters.

### MUSC3609

#### Musicology

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Hindson **Session:** Semester 2 **Classes:** 2 hours/wk **Prerequisites:** 12 junior credit points in music **Assessment:** Written assessments (60%), online journal (20%), participation (20%)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

What do we study when we study music? What kinds of stories do we tell about the history of music? What are the central issues, questions, and concerns that drive the study of music? This course will begin to answer these questions and provide an overview of historical musicology as an academic discipline. In addition, students will also learn and practice the research skills necessary to find and evaluate sources, and to define and develop an area of interest. These skills will provide a solid foundation for the independent research work necessary in the Honours year.

### MUSC3611

#### Composition Workshop 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Paul Stanhope **Session:** Semester 2 **Classes:** 3 hr workshop/week **Prerequisites:** MUSC2614 Composition Workshop 1 **Assessment:** Attendance and participation in classes and concerts

(30%); composition portfolio and process diary (60%); aural and/or written presentations (10%)

An open forum in which advanced students are given an opportunity in a supervised environment to hear their original compositions rehearsed and performed, usually by other participating students. The workshops may be themed around particular genres and musical techniques which vary from semester to semester. e.g. music theatre; drone-based compositions; song-writing; sound and rhythm; creating a sound-space; media composition etc. The workshop encourages public performance in twice term concerts of new music composed by workshop participants and acts as a forum for lectures from visiting composers and other music industry specialists. This unit covers areas not already covered in MUSC2614 Composition Workshop 1.

### MUSC4011

#### Music Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Matthew Hindson **Session:** Semester 1, Semester 2 **Prerequisites:** Credit results in MUSC3609 Musicology, and either MUSC2631 Fieldwork, Ethnography & Transcription or another advanced music analysis course, plus a Music Major with credit average results in 36 senior music credit points. **Assessment:** 15,000 - 20,000 word thesis (40%); Dissertation Seminar (20%); Performance, Composition or Musicology Special (20%); and a further 12 credit points in Arts or Music (20%)

*Note: Department permission required for enrolment.*

The Honours BA in Music is both a completion at a high standard of an academic education in music, and a preparation for postgraduate study in music. Intending Honours students should speak to the Honours co-ordinator before enrolling. Honours requirements are:

Thesis: a thesis on a topic agreed with the course coordinator, but normally negotiated by the end of the previous year in the course of MUSC3609 Musicology. A research-based performance or a major composition up to half the total value of the course may, with permission of the Chair of Unit, be included as an integral part of the thesis. Individual fortnightly supervision throughout the year.

Dissertation Seminar: two hours per week.

Special Project: in either Musicology, Performance or Composition to be negotiated between student and supervisor.

Further 12 credit points in Arts or Music (units of study subject to approval).

### MUSC4012

#### Music Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** MUSC4011

Refer to MUSC4011

### MUSC4013

#### Music Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** MUSC4012

Refer to MUSC4011

### MUSC4014

#### Music Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** MUSC4013

Refer to MUSC4011

## Pali (No major available)

### PAL1001

#### Pali A

**Credit points:** 6 **Teacher/Coordinator:** Dr Mark Allon **Session:** Semester 1 **Classes:** 3 hours per week **Assessment:** Class work and tests (equivalent to 2500 words), 2 hour exam (equivalent to 2000 words).

Pali is a major canonical language of Buddhism. The scriptures of the Theravada School of Buddhism, which represent the oldest Buddhist writings preserved in an Indic language, are in Pali as are the commentaries and historical literature of the School. This unit will

provide a grounding in the language and enable the student to read simple texts in Pali.

#### Textbooks

Warder, A. K., Introduction to Pali (Pali Text Society, Oxford, 1991)

### PAL1002

#### Pali B

**Credit points:** 6 **Teacher/Coordinator:** Dr Mark Allon **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** PAL1001 **Assessment:** Class work and tests (equivalent to 2500 words), 2 hour exam (equivalent to 2000 words).

This unit is an extension of Pali A. By the end of the unit, students will have completed Pali grammar and be in a position to read both scriptures and commentaries.

#### Textbooks

Warder, A. K., Introduction to Pali (Pali Text Society, Oxford, 1991)

## Peace and Conflict Studies

### PACS2002

#### History and Politics of War and Peace

**Credit points:** 6 **Teacher/Coordinator:** Assoc Professor Judith Keene **Session:** Semester 2 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prerequisites:** 18 junior credit points, of which 6 must normally be in either HSTY, GOVT, SCLG or LAWS **Assessment:** tutorial attendance and one oral presentation; one 750 word tutorial exercise; one 3000 word essay; and 1 hour 1000 word in-class exam.

*Note: This unit is taught jointly with the Department of History and can be counted towards a History major.*

This unit will examine the history of the causes of war and the processes and outcomes of peacemaking, with particular emphasis on attempts to limit the frequency and severity of war and the creation of instruments of collective security, notably after the Thirty Years War (Treaty of Westphalia, 1648), the Revolutionary Napoleonic Wars (the Congress of Vienna, 1815), the First World War (the League of Nations, 1919), and the Second World War (the United Nations, 1945).

#### Textbooks

Reader to be available at the Copy Centre

## Performance Studies

### PRFM1801

#### Performance Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit point junior unit of study in Performance Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Chair of Department.

### PRFM2601

#### Being There: Theories of Performance

**Credit points:** 6 **Teacher/Coordinator:** Dr I Maxwell **Session:** Semester 2 **Classes:** Two 1hour lectures and one 1hour tutorial per week **Prerequisites:** 18 junior credit points in no more than two subject areas including at least 12 from Part A of the Table of Units of Study. **Prohibitions:** PRFM2001 **Assessment:** One 1500 word take-home exam, one 1000 word mid-semester essay, tutorial assignment and continuous assessment

What is performance, and how can we understand what it is that performance does? This unit of study will introduce students to the study of performance, and the particular problems associated with approaching a phenomenon that is often ephemeral, experiential in nature, and frequently shrouded in mystery. Students will learn key theoretical and methodological approaches to the study and practice of a range of performance genres, including, but not limited to theatre and other artistic practices.

#### Textbooks

Selected readings available through Copy Centre.

**PRFM2602****Performance: Production & Interpretation**

**Credit points:** 6 **Teacher/Coordinator:** Dr P Dwyer **Session:** Semester 1, Summer Late **Classes:** One 1 hour lecture and one 2 hour tutorial per week **Prerequisites:** 18 junior credit points in no more than two subject areas including at least 12 from Part A of the Table of Units of Study. **Prohibitions:** PRFM2002 **Assessment:** One 2000 word journal with responses to tutorial/workshop exercises and readings; one 2500 word performance analysis assignment. **Practical field work:** Students will undertake some workshop exercises in their tutorials and will attend professional theatre productions outside class times

How do the members of an audience make meaning from their experience of theatrical performance? How (and to what extent) can theatre-makers guide this process through the use of text, movement, spatial design, costuming, lighting, sound and other production elements? In this unit, students will attend events at a number of Sydney theatres and develop a critical language for analysing live performance. Practical workshops will also provide an introduction to theatre production techniques.

*Textbooks*

Selected readings available through Copy Centre.

*Recommended Readings:*

Counsell, C. and W. Wolf, eds. *Performance Analysis: An Introductory Coursebook* (London: Routledge, 2001) McAuley, G. *Space in Performance: Making Meaning in the Theatre* (Ann Arbor: University of Michigan Press, 1999) Whitmore, J. *Directing Postmodern Theatre: Shaping Signification in Performance* (Ann Arbor: University of Michigan Press, 1994)

**PRFM2604****Sociology of Theatre**

**Credit points:** 6 **Teacher/Coordinator:** Dr I Maxwell **Session:** Semester 1 **Classes:** 3 hours per week in seminar mode **Prerequisites:** 18 junior credit points in no more than two subject areas including at least 12 from Part A of the Table of Units of Study. **Prohibitions:** PRFM3012 **Assessment:** One 1500 word take-home exam, one group presentation and 1500 word portfolio and 1000 word formative literature summary. **Practical field work:** Fieldwork

Theatre and performance as artistic practices are not autonomous: they take place in a complex cultural field, the effects of which necessarily influence and shape the practice itself. In this unit of study, we will develop an understanding of the field of theatrical production in contemporary Australia, both theoretically, using the sociological theory of Pierre Bourdieu, and practically, as we create our own, viable, performing arts company. Areas to be covered include production management, budgeting and programming.

*Textbooks*

Selected readings available through Copy Centre.

**PRFM2805****Performance Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit point senior unit of study in Performance Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Chair of Department.

**PRFM2806****Performance Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit point senior unit of study in Performance Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Chair of Department.

**PRFM2810****Performance Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit point senior unit of study in Performance Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Chair of Department.

**PRFM2811****Performance Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit point senior unit of study in Performance Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Chair of Department.

**PRFM2812****Performance Studies Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit point senior unit of study in Performance Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Chair of Department.

**PRFM3602****Performance Histories**

**Credit points:** 6 **Teacher/Coordinator:** Dr A Card **Session:** Semester 2 **Classes:** One 3 hour seminar per week **Prerequisites:** (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) **Assessment:** Group presentation, one 1,000 word essay, one 3,000 word essay. **Practical field work:** Group projects, researching a history of an Australian performing arts company, institution or individual, will be conducted at State Library of NSW.

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This course reflects on the issues and methods that constitute theatre history and its relationship to Performance Studies. We will consider the source materials on which histories of performance are based and some of the genres of historical scholarship that are useful for such historians. We will also study how descriptions and theorisations of creative practices from the past are influential in the work of contemporary theatre and performance practitioners.

*Textbooks*

Selected readings available through the University Copy Centre.

**PRFM3604****Embodied Histories**

**Credit points:** 6 **Teacher/Coordinator:** Dr A Card **Session:** Semester 1 **Classes:** 2 hour seminar - weeks 1 to 13 **Prerequisites:** (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) **Prohibitions:** PRFM3021 **Assessment:** One 1000 essay and one 3,500 word essay **Practical field work:** 2 hour workshop - weeks 6 to 13 only

Can we investigate and understand historical moments and social movements through a study of dancing bodies? In this unit we will be looking at popular dance practices in western cultures over time. From the Charleston, the Lindy & Jive, through musical comedy & jazz, to gogo, disco and hip hop we will develop an understanding of the relationship between movement, music, time and place. This will be done through a combination of observation and practical participation. No previous dance training is required.

*Textbooks*

Selected readings available through Copy Centre

**PRFM3605****Cross-Cultural and Hybrid Performance**

**Credit points:** 6 **Teacher/Coordinator:** Dr A Card **Session:** Semester 2 **Classes:** 3 hours per week in seminar mode **Prerequisites:** (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) **Prohibitions:** PRFM3023, PRFM3028 **Assessment:** Group tutorial presentation, one 1000 word tutorial paper, one 3,000 word essay.

This unit will analyse the development of cross-cultural and hybrid performance in Australia, Britain and the United States. Concentrating on a range of Indigenous and non-Indigenous performance practices - football mascots, contemporary dance, pop music and text based theatre - we will utilise postcolonial theories, as applied to performance, to explore diverse understandings of innovation and appropriation, ownership and copyright in colonial and post-colonial societies since the 1950s.

#### Textbooks

Selected readings available through Copy Centre

### PRFM3606

#### Approaches to Acting

**Credit points:** 6 **Teacher/Coordinator:** Dr G McGillivray **Session:** Semester 2, Summer Main **Classes:** 3 hours per week in seminar mode **Prerequisites:** 18 junior credit points in no more than two subject areas including at least 12 from Part A of the Table of Units of Study **Prohibitions:** PRFM3022 **Assessment:** One 3000 word essay; one group presentation plus write up (1000 words) and one 500 word formative literature summary

All theories of acting are grounded in implicit theories about the human self: to Stanislavsky, for example, the self is a repository of memories; while for Meyerhold, the self is a biomechanical resource. We will survey - and experiment with - a range of theories of acting, from Quintilian to Mamet, Zeami to Suzuki, uncovering the assumptions about human being underlying each. The unit involves a workshop component, although no experience is necessary: you will not be assessed on your acting ability.

#### Textbooks

A course reader will be available from the University Copy Centre

### PRFM3611

#### Dramaturgy

**Credit points:** 6 **Teacher/Coordinator:** Dr L Ginters **Session:** Semester 1 **Classes:** 3hrs per week lecture/seminar/workshop. **Prerequisites:** (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) **Prohibitions:** PRFM3010 **Assessment:** One 500 word performance analysis. One 1500 word group project. One 2500 word script assessment.

What is a dramaturg? How do you read a play? Write a non-text based performance? Prepare a production of a classic play? This course will investigate the various roles of the dramaturg, focusing on new play dramaturgy, background research for historical texts, translation and the role of the dramaturg as co-creator in non-text-based work. This course will include practical exercises in analysing and workshoping a new Australian play or text for performance.

### PRFM3961

#### Rehearsal Studies

**Credit points:** 6 **Teacher/Coordinator:** Dr L Ginters **Session:** Semester 1 **Classes:** One 3 hour seminar per week **Prerequisites:** (Credit results in PRFM2601 and PRFM2602) or (credit results in PRFM2001 and PRFM2002) **Corequisites:** PRFM3962 and sufficient units for a major in Performance Studies. **Assessment:** One 3000 word essay; homework tasks equivalent to 1500 words in total as preparation for weekly seminar discussions **Practical field work:** Full time attendance for 2 weeks in the mid-year break

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit of study is structured around a performance project involving professional actors and a director. Students observe and analyse a rehearsal process, which will take place during the mid year break. In this unit, the theoretical and methodological groundwork is laid: accounts of rehearsal by participants and observers, ethnographic theory, video recordings of rehearsal, prompt books and other materials are examined with a view to establishing an appropriate level of awareness of the task and a methodological approach.

#### Textbooks

Reader will be available from Week 1.

### PRFM3962

#### Rehearsal to Performance

**Credit points:** 6 **Teacher/Coordinator:** Dr L Ginters **Session:** Semester 2 **Classes:** One 3 hour class a week for six weeks **Prerequisites:** (Credit results in PRFM2601 and PRFM2602) or (credit results in PRFM2001 and PRFM2002) **Corequisites:** PRFM3961 and sufficient units for a major in Performance

Studies. **Assessment:** One 4500 word casebook of rehearsal process **Practical field work:** Full-time attendance at rehearsals of a performance project during 2 weeks of July mid-year break

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

In the July break students observe professional actors and director in rehearsal, they document and record the process with a view to writing a casebook about it. The classes in the first part of the session provide an opportunity to unpack the experience, to undertake some analysis of the resulting performance, and to rethink the theoretical and methodological issues in light of the practical experience.

#### Textbooks

Selected readings from Copy Centre

### PRFM4011

#### Performance Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr A Card **Session:** Semester 1, Semester 2 **Classes:** 1 x weekly 2hr coursework seminar (in Semester 1): Critical Theory and Performance 1 x weekly 2hr coursework seminar (in Semester 1): Contemporary Performance 1 x weekly 2hr seminar (in Semesters 1 & 2): Research Methods/Group Supervision 1 x weekly 2hr seminar (in Semester 1, auditing only): Postgraduate Research Seminar Participant-observation fieldwork (equivalent to 4 weeks full-time) 1 x fortnightly meeting (1-2 hrs) with thesis supervisor (Semester 2 only) **Prerequisites:** Credit results in PRFM3961 and PRFM3962 (or PRFM3901 and PRFM3902) and credit average in a further 36 credit points of PRFM units. **Assessment:** A thesis of 12,000-15,000 words; a casebook (based on participant-observation fieldwork) of 12,000-15,000 words; 4,500 words of written work for each of the two coursework seminars. **Practical field work:** Workshops and placement in a theatre company to observe a creative process in progress; group supervision meeting.

*Note: Department permission required for enrolment.*

The Honours program in Performance Studies consists of:

a thesis written under the supervision of a member of the academic staff

a casebook based on fieldwork observations of the training/rehearsal/preparation processes involved in a genre of cultural performance

two assessable coursework seminars (Critical Theory and Performance and Contemporary Performance)

a research methods seminar (formative assessment only) and auditing of the departmental postgraduate/staff research seminar

For more information, contact Dr Amanda Card, Honours Coordinator, or Dr Paul Dwyer, Chair of Department.

### PRFM4012

#### Performance Studies Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** PRFM4011

Refer to PRFM4011

### PRFM4013

#### Performance Studies Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** PRFM4012

Refer to PRFM4011

### PRFM4014

#### Performance Studies Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** PRFM4013

Refer to PRFM4011

## Philosophy

### PHIL1011

#### Reality, Ethics and Beauty

**Credit points:** 6 **Teacher/Coordinator:** Dr Thomas Besch **Session:** Semester 1, Summer Late **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prohibitions:** PHIL1003, PHIL1004, PHIL1006, PHIL1008 **Assessment:** tutorial participation, one 2000 word essay, one 2 hour exam

This unit is an introduction to central issues in metaphysics, ethics and aesthetics. It opens with general questions about reality, God,

personal identity and free will. The middle section of the unit will consider questions about values, goodness and responsibility. The final part is concerned with the question "what is art", the nature of aesthetic judgment and the role of art in our lives.

#### Textbooks

Readings will be available from the University Copy Centre.

### PHIL1012

#### Introductory Logic

**Credit points:** 6 **Teacher/Coordinator:** Dr Nicholas Smith **Session:** Semester 2, Summer Late **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Assessment:** two assignments and one 2 hour exam

An introduction to modern logic: the investigation of the laws of truth. One essential aspect of good reasoning or argumentation is that it is valid: it cannot lead from true premisses to a false conclusion. In this course we learn how to identify and construct valid arguments, using techniques such as truth tables, models and truth trees. Apart from being a great aid to clear thinking about any subject, knowledge of logic is essential for understanding many areas not only of contemporary philosophy, but also linguistics, mathematics and computing.

### PHIL1013

#### Society, Knowledge and Self

**Credit points:** 6 **Teacher/Coordinator:** Dr Luke Russell **Session:** Semester 2 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** PHIL1010 **Assessment:** tutorial participation, one 2000 word essay, one 2 hour exam

This unit is an introduction to central issues in political philosophy, theories of knowledge and philosophical conceptions of the self. The first part will consider the state, freedom and political obligation. The second part will examine some of the major theories of knowledge in the modern philosophical tradition. The final section will look at conceptions of the self as a knowing and acting subject.

#### Textbooks

Readings will be available from the Copy Centre

### PHIL1016

#### Mind and Morality HSC

**Credit points:** 6 **Teacher/Coordinator:** Dr Luke Russell **Session:** S1 Late Int, S2 Late Int, Summer Main

*Note: This unit is available to HSC students only*

If a robot told you that it was in pain, would you believe it? If it is wrong to kill animals, should we try to stop animals from killing each other? How do you know what the colour red looks like to your friends? What do these philosophical puzzles reveal about ourselves, our minds, and our responsibilities towards others? This one-unit HSC course focuses on contemporary disputes regarding the nature of the mind, personal identity and ethics. As you engage with these issues, you will be introduced to the philosophical theories that underpin our notion of ourselves and our place in the world, and you will improve your ability to analyse and present complex ideas and arguments.

### PHIL1801

#### Philosophy Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### PHIL2600

#### Twentieth Century Philosophy

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael McDermott **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Prohibitions:** PHIL2000 **Assessment:** tutorial participation, one 2500 word essay, one 2 hour exam

Main developments in philosophical thought in the twentieth century. Topics include: logical atomism; logical positivism and its attack on metaphysics; conceptual analysis; Quine, holism, behaviourism, and the overthrow of positivism; the resurgence of metaphysics; functionalism in the philosophy of mind; modal realism. Essential

background for understanding how philosophy is done today in English-speaking countries.

#### Textbooks

Ayer AJ. Language, Truth and Logic. London. Penguin 2001  
Readings will be available from the University Copy Centre.

### PHIL2605

#### Locke and Empiricism

**Credit points:** 6 **Teacher/Coordinator:** Dr Anik Waldow **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Prohibitions:** PHIL3005, PHIL2005 **Assessment:** one 1000 word tutorial exercise, one 500 word essay plan, one 2500-3000 word essay

In this unit we will study some of the major philosophical works of the Classical British Empiricists, John Locke (1632-1704), George Berkeley (1685-1753), and David Hume (1711-1776). We shall focus attention on their theoretical philosophy, considering epistemological topics such as the nature, limits and justification of human knowledge; and metaphysical topics such as substance, causation, the primary-secondary quality distinction and personal identity. The unit will also consider the contemporary relevance of these thinkers.

#### Textbooks

John Locke, An Essay Concerning Human Understanding, ed. Nidditch. (OUP)  
George Berkeley, The Principles of Human Knowledge (Hackett)  
--- Three Dialogues between Hylas & Philonous (Hackett)  
David Hume, A Treatise of Human Nature (2nd ed.) eds. Selby-Bigge & Nidditch (OUP)

### PHIL2606

#### Knowledge, Reason and Action

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael McDermott **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Assessment:** One 2500 word essay and one 2 hour exam

This unit covers three topics in epistemology: what knowledge is, how it can be obtained, and what to do with it. The first component involves a study of the nature of knowledge, and the various attempts to define it. The second is concerned with principles of reason and investigation, and how to assess whether they are good sources of knowledge. The final component is to do with the theory of decision: what methods should be used to apply knowledge in the choice of action.

### PHIL2615

#### Intermediate Logic

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael McDermott **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy and PHIL1012 or PHIL2203 or PHIL2628. **Prohibitions:** PHIL2215, PHIL3215 **Assessment:** one 2 hour exam and weekly exercises

The axiomatic approach to classical logic. The focus is on proofs of the main metalogical results - consistency, completeness, etc - for the propositional and predicate calculi.

### PHIL2617

#### Practical Ethics

**Credit points:** 6 **Teacher/Coordinator:** Dr Caroline West **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points in Philosophy. **Prohibitions:** PHIL2517 **Assessment:** one 2000 word essay and one 2500 word take-home exam

This unit draws on contemporary moral philosophy to shed light on some of the most pressing practical, ethical questions of our time, including euthanasia, abortion, surrogacy, censorship, animal rights, genetic testing and cloning and environmental ethics. By the end of the unit, students should have a good understanding of these practical ethical issues; and, more crucially, be equipped with the conceptual resources to think through new ethical questions and dilemmas as they arise in their personal and professional lives.

#### Textbooks

Readings will be available from the University Copy Centre.

**PHIL2621****Truth, Meaning and Language**

**Credit points:** 6 **Teacher/Coordinator:** Dr Adrian Heathcote **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Assessment:** one 2500 word essay and one 2 hour exam

This unit covers central issues in contemporary philosophy of language, such as the relationship between language and the world, the nature of meaning and truth, problems involved in interpreting and understanding the speech of others, the role of context in determining meaning, and the nature of metaphor.

**PHIL2622****Reality, Time & Possibility: Metaphysics**

**Credit points:** 6 **Teacher/Coordinator:** Dr Kristie Miller **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Assessment:** one 1400 word essay, one 2000 word essay and 11 short multiple choice quizzes

This is a course in metaphysics: the discipline that tells us about the nature of the world. The unit carries on from the Reality component of first year. We engage with questions like: What is time? What is space? What makes something a person? How much change can I undergo and still be me? Are objects four-dimensional space-time worms? Do the past or future exist, and could we travel to them? Are there numbers?

**PHIL2623****Moral Psychology**

**Credit points:** 6 **Teacher/Coordinator:** Dr Luke Russell **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy. **Prohibitions:** PHIL2513, PHIL3513 **Assessment:** one 2500 word essay and one 2000 word take-home exam

After a brief survey of normative ethics, we consider the following: How should we evaluate motives and emotions? What are virtue, vice and weakness of will? Are any actions or persons evil? When should we feel guilty or ashamed? What is moral luck? Has natural selection designed us to be moral, or do we learn to be good? Is there any objective truth in morality, or are moral claims somehow subjective or culturally relative? Is morality merely a useful fiction?

*Textbooks*

Readings available from the University Copy Centre.

**PHIL2625****Hannah Arendt**

**Credit points:** 6 **Teacher/Coordinator:** Dr John Grumley **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Prohibitions:** PHIL2515, PHIL3515 **Assessment:** one 250 word tutorial paper, one 2250 word essay and one 2000 word take-home essay

No 20th century political philosopher has captured as much attention as Hannah Arendt. Those seeking a fresh approach beyond the traditional right and left, as well as contemporary feminists are all drawn to her vivid reading of tradition, her diagnosis of the present and path-breaking analysis of totalitarianism, human rights and refugees. This course examines key concepts like natality and novel reading of politics, freedom and promising and her contemporary appropriation by Giorgio Agamben with his concept of "bare life".

*Textbooks*

Reader will be available from the University Copy Centre

**PHIL2626****Philosophy and Psychoanalysis**

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael McDermott **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy. **Prohibitions:** PHIL2207, PHIL3207, PHIL2226 and PHIL3226. **Assessment:** one 2500 word essay and one 2000 word take-home exam

An analysis and critique of the main ideas in Freudian psychoanalysis, their philosophical background, and their influence in subsequent philosophy of mind.

*Textbooks*

Freud, S. *Introductory Lectures in Psychoanalysis*, Wollheim, R. Freud.

**PHIL2629****Descartes and Continental Philosophy**

**Credit points:** 6 **Teacher/Coordinator:** Dr Anik Waldow **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Prohibitions:** PHIL2004, PHIL3004 **Assessment:** one 1000 word tutorial exercise, one 500 word essay plan, one 2500-3000 word essay

Descartes is generally regarded as the founder of modern philosophy, and in this unit we look both at his own contribution, and at his influence on the subsequent course of philosophical thought in the work of Malebranche, Spinoza, and Leibniz. Just over half the unit will be devoted to Descartes' own thought, and we will look at the various stages in the development of his ideas. In the second half of the unit, we will examine the ideas of his successors on selected metaphysical themes, above all on perception and the mind/body question.

*Textbooks*

R. Descartes, *Discourse on Method and Other Writings*, trans. D. Clarke (Penguin paperback)

R. Descartes, *Meditations and Other Metaphysical Writings*, trans. D. Clarke (Penguin paperback)

G. Leibniz, *Discourse on Metaphysics and other Essays* (Hackett paperback)

B. Spinoza, *Ethics*, (Penguin paperback)

**PHIL2633****Theorising Modernity**

**Credit points:** 6 **Teacher/Coordinator:** Dr John Grumley **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points in Philosophy **Prohibitions:** PHIL1007, PHIL2533 **Assessment:** one 2000 word essay and one 2500 word take-home exam

A survey of a range of classical 19th century theories from the standpoint of what they offer to the understanding of the newly emerging modern bourgeois social world. The work of Hegel, Marx, de Tocqueville, and Nietzsche will serve as paradigmatic attempts to discover the essence of this new society. Recurring themes and features will be examined through the prism of these thinkers: these include the problem of meaning after the collapse of tradition, the rise of secularism, capitalism, industrialisation, democracy, bureaucratisation and individualism -- their features, antinomies and problems. The unit is also intended as an introduction to the thinkers concerned while focusing in each case on their theorisation of modernity.

**PHIL2634****Democratic Theory**

**Credit points:** 6 **Teacher/Coordinator:** Dr Thomas Besch **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points in Philosophy **Prohibitions:** PHIL2514 **Assessment:** one 2000 word essay and one 2500 word take-home exam

A unit in political philosophy. The unit will examine various theoretical and normative justifications of democracy, as well as the historical foundations of these arguments. It will also examine particular issues in democratic theory, such as the tension between democracy and constitutionalism, the issue of justice and democracy, the challenges of social and cultural pluralism, and questions regarding the justification of political principles. The unit will also consider the scope and limits of democracy, including the extension of democratic norms and institutions across national boundaries.

**PHIL2635****Contemporary Political Philosophy**

**Credit points:** 6 **Teacher/Coordinator:** Dr Justine McGill **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Prohibitions:** PHIL3535, PHIL2535 **Assessment:** one 2500 word essay and one 2000 word take-home exam

A critical introduction to the major schools of thought in contemporary political philosophy, organized around the theme of inclusion and exclusion. The inclusive ambitions of liberal political theory will be confronted with objections from thinkers motivated by concern with



various facets of social and political exclusion, notably based on the categories of gender, cultural difference, deviancy and statelessness. Debates relating to refugees and asylum seekers will be considered in the latter part of this unit of study.

#### Textbooks

Kymlicka, W. *Introduction to Contemporary Political Philosophy*, OUP, 2nd edition. Unit reader available from the Copy Centre.

### PHIL2642

#### Critical Thinking

**Credit points:** 6 **Teacher/Coordinator:** Dr Luke Russell **Session:** Semester 2, Winter Main **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in any units within the University **Assessment:** one 2000 word essay, one in-class test and one 2 hour exam

An introduction to critical thinking and the analysis of argument. Through examination of arguments drawn from diverse sources, including journalism, advertising, science, medicine, history, economics and politics, we will learn to distinguish good from bad arguments, and how to construct rationally persuasive arguments of our own. Along the way we will grapple with scepticism, conspiracy theories and pseudoscience. The reasoning skills imparted by this unit make it invaluable not only for philosophy students but for every student at the University.

### PHIL2643

#### Philosophy of Mind

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael McDermott **Session:** Semester 2, Summer Late **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Prohibitions:** PHIL2213, PHIL3213, PHIL2205 **Assessment:** one 2500 word essay and one 2000 word take-home exam

An introduction to modern theories of the nature of mind, and some important contemporary issues in the philosophy of mind. Topics will include the problem of mental representation (how can minds think about the world?), the relationship of minds to brains, and the problem of consciousness.

#### Textbooks

The Philosophy of Mind and Cognition, D. Braddon-Mitchell and F. Jackson, Blackwell, Oxford 1997.

### PHIL2644

#### Critical Theory: From Marx to Foucault

**Credit points:** 6 **Teacher/Coordinator:** Dr John Grumley **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points **Assessment:** one 2000 word essay, one 2000 word take-home exam, one 500 word tutorial paper

The idea of critical theory emerged as an attempt to go beyond the alleged impasses of philosophy and actually challenge the world. This unit will consider various phases in the history of this project: from Marx, the Frankfurt School, to Foucault and Habermas. It will examine both the innovations and weaknesses of these various formulations in their historical context, as well as considering contemporary efforts to reanimate the idea of critical theory.

### PHIL2645

#### Philosophy of Law

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael McDermott **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Prohibitions:** PHIL2510, PHIL3510 **Assessment:** one 2500 word essay and one 2 hour exam

This unit looks at fundamental issues in the philosophy of law, including the role of law, civil liberties, legal obligation, punishment, responsibility and morality. It considers questions about whether or not a legal system is necessary, arguments for anarchy, and reasons for safeguarding freedoms from the force of law. It considers arguments for obedience to law, and seeks a moral justification of punishment. The discussion of practical issues in law leads to consideration of relation between law and morality.

#### Textbooks

Readings will be available from the University Copy Centre.

### PHIL2646

#### Philosophy and Literature

**Credit points:** 6 **Teacher/Coordinator:** Dr Justine McGill **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points in Philosophy **Assessment:** One 2000 word essay, one 500 word tutorial paper and one 2 hour exam

This unit will examine the relationship between philosophy and literature. Is it necessary or incidental, a long and fecund marriage, or a patchy history of questionable affairs? Beyond the problem of identifying the two parties (what makes a text 'philosophical' or 'literary?'), the quality of their intercourse will be investigated: 1. by examining arguments for the philosophical significance of literature; 2. by exploring philosophical issues (eg. 'personal identity', 'time, memory and consciousness', 'freedom and determinism') through selected literary works.

### PHIL2647

#### The Philosophy of Happiness

**Credit points:** 6 **Teacher/Coordinator:** Dr Caroline West **Session:** Semester 2, Summer Late, Winter Main **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points **Assessment:** one 2500 word essay and one 2000 word (take-home) exam.

We all want to be happy and to live a worthwhile life. But what is happiness? Why should we want it? And how do we get it? These are among the most fundamental questions of philosophy. We will evaluate the answers of major thinkers from ancient and modern and eastern and western traditions; and consider the implications of current psychological research into the causes of happiness for the question of how to live well, as individuals and as a society.

#### Textbooks

Readings available from the University Copy Centre

### PHIL2648

#### German Philosophy, Leibniz to Nietzsche

**Credit points:** 6 **Teacher/Coordinator:** Prof Paul Redding **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Prohibitions:** PHIL2641, PHIL3011 **Assessment:** one 1000 word tutorial exercise, one 500 word essay outline and one 2500-3000 word final essay

This unit surveys German Philosophy from Leibniz via Kant and the German idealists to Nietzsche. The first half of the course examines the main aspects of Kant's "Copernican revolution" as a response to Leibniz's "monadology". The second half of the course examines extensions and transformations of Kant's philosophy by critical appropriators extending from Fichte to Nietzsche. Throughout, the philosophical views involved will be related more generally to questions of science, morals and politics, art, education, and religion.

#### Textbooks

Readings available from the University Copy Centre

### PHIL2649

#### The Classical Mind

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael McDermott **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 Junior credit points in Philosophy **Prohibitions:** PHIL2613, PHIL2614, PHIL3639 **Assessment:** one 2500 word essay and one 2 hour exam

An introduction to the philosophical outlook, conceptions, and arguments of Classical Greek philosophy. This unit will survey the rich period of Greek thinking from 600 BCE to the beginning of the Common Era, examining the Presocratics, Socrates, Plato, Aristotle and Hellenistic philosophers. This unit will demonstrate the incredible originality of Greek philosophy, and reveal both its legacy in and differences from philosophy today.

### PHIL2650

#### Logic and Computation

**Credit points:** 6 **Teacher/Coordinator:** Dr Nicholas Smith **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** PHIL1012 or PHIL2628 or permission of instructor **Assessment:** two assignments and one 2 hour exam

This unit covers central results about the nature of logic, the nature of computation, and the relationships between the two. Topics treated include basic set theory, Turing machines, the theory of computability and uncomputability, the decision problem for first order logic, Tarski's theorem on the indefinability of truth, and Gödel's famous incompleteness theorem.

**PHIL2804  
Philosophy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

**PHIL2805  
Philosophy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

**PHIL2806  
Philosophy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

**PHIL2810  
Philosophy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

**PHIL2811  
Philosophy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

**PHIL2812  
Philosophy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

**PHIL3618  
Pre-Honours Seminar**

**Credit points:** 6 **Teacher/Coordinator:** Prof David Braddon-Mitchell **Session:** Semester 1, Winter Main **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 24 Senior credit points in Philosophy **Prohibitions:** PHIL2204, PHIL3204, PHIL3218 **Assessment:** one 4500 word essay (in two parts)

An introduction to major contemporary approaches to the discipline of philosophy, as represented within the department, and further afield. The aim of the unit of study is to prepare students for an Honours year in philosophy by acquainting them with both the practical and theoretical choices to be made in formulating and pursuing philosophical problems today.

*Textbooks*

Readings will be available from the University Copy Centre.

**PHIL4011  
Philosophy Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr John Grumley **Session:** Semester 1, Semester 2 **Classes:** two 2 hour seminars per week **Prerequisites:** 48 credit points of Philosophy at Senior level, with a credit average or better, and including 6 credit points from each of the three programs (History of Philosophy; Epistemology, Metaphysics & Logic; Aesthetics, Ethics and Political Philosophy). Intending Honours students are strongly encouraged to discuss their unit choices with the Honours Coordinator at the beginning of their third year. The department places importance on the breadth of the philosophical education of its Honours graduates, and encourages intending Honours students to avoid over-specialisation at Senior level **Assessment:** a thesis of 12,000-15,000 words, 4,000-5,000 words of written work or its equivalent for each seminar and a 20 minute mini-conference presentation

*Note: Department permission required for enrolment.*

The Honours program in Philosophy consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. four seminars that meet weekly for two hours for one semester.

The thesis should be of 12,000-15,000 words in length. Each seminar requires 4,000-5,000 words of written work or its equivalent.

The thesis is worth 40% of the final Honours mark and each of the seminars is worth 15%.

The following seminars are on offer in 2010:

Advanced Philosophy of Science (Prof Paul Griffiths)

Cosmopolitanism and Community (Dr Thomas Besch)

Metaphilosophy (Dr Adrian Heathcote)

The Later Wittgenstein (Dr David Macarthur)

Conceiving Responsibility (Dr Justine McGill)

Sympathy (Dr Anik Waldow)

Kant's Moral Philosophy (Prof Paul Redding)

"Mere" Life (Dr John Grumley)

Ayer and Quine (Dr Michael McDermott)

Scepticism (Dr Anik Waldow)

For more information, contact Dr John Grumley, Honours Coordinator.

**PHIL4012  
Philosophy Honours B**

**Credit points:** 12 **Teacher/Coordinator:** Dr John Grumley **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to PHIL4011 **Corequisites:** PHIL4011 **Assessment:** Refer to PHIL4011

Refer to PHIL4011

**PHIL4013  
Philosophy Honours C**

**Credit points:** 12 **Teacher/Coordinator:** Dr John Grumley **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to PHIL4011 **Corequisites:** PHIL4012 **Assessment:** Refer to PHIL4011

Refer to PHIL4011

**PHIL4014  
Philosophy Honours D**

**Credit points:** 12 **Teacher/Coordinator:** Dr John Grumley **Session:** Semester 1, Semester 2 **Prerequisites:** Refer to PHIL4011 **Corequisites:** PHIL4013 **Assessment:** Refer to PHIL4011

Refer to PHIL4011

## Political Economy

**ECOP1001  
Economics as a Social Science**

**Credit points:** 6 **Teacher/Coordinator:** Prof Frank Stilwell **Session:** Semester 1, Summer Main **Classes:** 2 lectures and 1 tutorial per week **Assessment:** Tutorial participation; mini essay; essay; 1 1/2 hour final examination

Economic concerns are central to modern society and politics. Yet economists are deeply divided in their views about how the economy works and how it could be made to work better. This unit of study explores the principal competing currents of economic thought - classical, neo-classical, institutional, Marxian and Keynesian. It looks at how these rival economic theories influence views about economic policy and the future of capitalism. This provides a solid foundation for subsequent study of economics and political economy.

*Textbooks*

F. Stilwell, Political Economy: the Contest of Economic Ideas (Oxford U.P.)

**ECOP1003  
International Economy and Finance**

**Credit points:** 6 **Session:** Semester 2 **Classes:** 2 lectures and 1 tutorial per week **Assessment:** Tutorial participation; tutorial presentation, essay, 1 1/2 hour final examination

The world economy has changed dramatically since World War 2, especially with the renewed 'globalisation' from the 1980s. This unit traces the historical patterns of globalisation. It analyses the debates about whether globalisation has been for the better or worse overall, and who would have been the winners and the losers in this process. The unit explores the changing theories that have been used to explain

and evaluate global economic integration. The unit concurrently explores the forms of, and debates about, the regulation of economic activity on a global scale, addressing the development and changing roles of states and international agencies (World Bank, International Monetary Fund, World Trade Organisation), and evaluates their capacity to generate global equity and economic stability.

#### **ECOP1004** **Economy and Society**

**Credit points:** 6 **Teacher/Coordinator:** Dr Damien Cahill **Session:** Semester 2 **Classes:** 2 lectures and 1 tutorial per week **Assessment:** tutorial participation; mini essay; essay; 1 and 1/2 hour examination

This unit examines the processes by which economic activity is embedded within a broader social structure. Attention is given to the key institutions that channel economic activity, the processes by which capitalist markets are regulated, and the distinctive features of capitalist economies. The subject is organised around a range of conceptual tools which elaborate these themes, followed by analysis of particular case studies that illustrate the social constitution, dynamics and regulation of particular markets.

#### **ECOP1551** **Political Economy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### **ECOP1552** **Political Economy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### **ECOP2011** **Economics of Modern Capitalism**

**Credit points:** 6 **Teacher/Coordinator:** Dr Joseph Halevi **Session:** Semester 1 **Classes:** 2 lectures and 1 tutorial per week **Prerequisites:** ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) **Prohibitions:** ECOP2001 **Assessment:** Tutorial participation and presentation; Essay; 1 and 1/2 hour exam

This unit of study examines the economic theory that emerged with the formation and development of capitalism. It explores the key theoretical focuses of political economy, classical, neo-classical and general equilibrium theories, before proceeding to analyze the economics of Keynes and post-Keynesian theory, and reflecting on contemporary macroeconomic debates, including production, the distribution of income and economic growth.

#### **ECOP2012** **Social Foundations of Modern Capitalism**

**Credit points:** 6 **Session:** Semester 2 **Classes:** 2 lectures and 1 tutorial per week **Prerequisites:** ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) **Prohibitions:** ECOP2002 **Assessment:** Essay; Tutorial presentation/participation; 1 and 1/2 hour examination

Economic activity is 'embedded' within a broader social structure. So it is necessary to understand the institutional fabric by which the economy is constructed. This unit looks at the institutions of capital, labour, the family and the state that channel economic activity and the importance of class and other social struggles in the historical transformations of those institutions. It examines how governments respond to the imperatives for economic and social order and how the state acts to regulate institutions, and socio-economic relations, to establish stability and maintain capital accumulation. Several illustrative case studies and policy areas are studied.

#### **ECOP2550** **Political Economy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### **ECOP2551** **Political Economy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

#### **ECOP2552** **Political Economy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

#### **ECOP2612** **Economic Policy in Global Context**

**Credit points:** 6 **Teacher/Coordinator:** Dr Susan Schroeder **Session:** Semester 2 **Classes:** 2 lectures and 1 tutorial per week **Prerequisites:** ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) **Assessment:** Essay, mini-essay, tutorial participation, 1 and 1/2 hour examination

Some of the most contentious issues in political economy concern the role of the state in relation to contemporary economic problems. This unit of study examines particular economic policies, how they are shaped by competing theories, interests and ideologies, and how they operate in practice. Emphasis is placed on the Australian experience. Attention is also given to how economic policy is shaped by international economic conditions.

#### **ECOP2911** **Political Economy Honours II**

**Credit points:** 6 **Teacher/Coordinator:** Dr Elizabeth Hill **Session:** Semester 1 **Classes:** 3 hrs per week **Prerequisites:** Credit average in ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) **Corequisites:** ECOP2011 or ECOP2012 **Prohibitions:** ECOP2901 **Assessment:** Seminar presentation; Seminar paper; Seminar participation; Seminar questions; Good Society paper; Essay

This unit of study introduces students to some of the big debates in the social sciences, through an exploration of the meaning and limits of class concepts in social theory. Structure and agency, fact and interpretation, the politics of theory, and the nature of the Good Society are all considered. The unit is both an enrichment program adding breadth to the range of issues you study in Pass units of study, and an advanced program adding depth to your analytical and writing skills in Political Economy, in preparation for a third year studies and for a final honours year.

#### **ECOP3012** **Global Political Economy**

**Credit points:** 6 **Teacher/Coordinator:** Dr Bill Dunn **Session:** Semester 1 **Classes:** 2 lectures and 1 tutorial per week **Prerequisites:** ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) **Prohibitions:** ECOP3002 **Assessment:** Presentation; Group Report; Essay; Participation; 1 and 1/2 hour examination

This unit of study presents a historical and institutional perspective on the development of the capitalist world economy since 1945. The analysis starts with a historical and theoretical introduction covering the determinants of profits and accumulation and the role of external markets in economic growth. It then addresses two key issues in this development: including: the formation of the international monetary system and its crisis following the end of the long boom; and the global role of the United States and the formation of two growth poles: Germany in Europe and Japan in Asia.

#### **ECOP3014** **Political Economy of Development**

**Credit points:** 6 **Teacher/Coordinator:** Dr Elizabeth Hill **Session:** Semester 2, Summer Main **Classes:** 2 lectures and 1 tutorial per week **Prerequisites:** ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) **Prohibitions:** ECOP3004 **Assessment:** Class participation; Minor Essay; Research essay; 1 and 1/2 hour examination

This unit of study deals with the structural and cultural problems of poorer countries, and their post-colonial experiences. Students are introduced to particular theories explaining economic growth and the obstacles to development. These theories are applied to a range of contemporary issues in developing countries, such as industrialisation, structural adjustment and poverty, human rights, gender, the role of NGOs, development assistance and credit and debt drawing on case studies from different countries.

**ECOP3015****Political Economy of the Environment**

**Credit points:** 6 **Teacher/Coordinator:** Dr Stuart Rosewarne **Session:** Semester 2 **Classes:** 2 lectures and 1 tutorial per week **Prerequisites:** ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) **Prohibitions:** ECOP3005 **Assessment:** Group/individual project; Essay; 1 and 1/2 hour examination.

This unit of study critically examines the environmental foundations of the political economy. Two dimensions are explored: how economists and political economists theorise economic interactions with the environment; and how environmental problems emerge and are managed within the capitalist political economy. Attention is given to developing theories of environmental economics, ecological economics and range of radical critiques of human interactions with ecological systems. Individual environmental concerns are explored through a series of workshops that focus on the nature of the problems, policy prescriptions and the forces shaping particular environmental management strategies.

**ECOP3017****Human Rights in Development**

**Credit points:** 6 **Teacher/Coordinator:** Dr Tim Anderson **Session:** Semester 2 **Classes:** 1 x 2 hr lecture and 1 tutorial per week **Prerequisites:** ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) **Prohibitions:** ECOP3007 **Assessment:** Class participation; Minor Essay; Research Essay; 1 and 1/2 hour examination

Debates about human rights and democratic legitimacy are linked to structural economic arguments and to cultural and structural debates over the process of socioeconomic change. This unit of study introduces the competing arguments over rights, the distinction between formal and effective rights and the social struggles that have created them. The approach of economic liberalism, emphasising property rights and the role of competition as an arbiter of equal opportunities in society, is discussed. Similarly, a rights analysis of market regulation and social and corporate welfare is pursued, with international and domestic case studies. The unit also includes discussions on indigenous rights and labour rights, the globalisation of capital and citizenship, and structural and cultural arguments over the nature of socioeconomic change.

**ECOP3019****Finance: Volatility and Regulation**

**Credit points:** 6 **Teacher/Coordinator:** Professor Dick Bryan **Session:** Semester 1 **Classes:** One 2 hour lecture and 1 hour tutorial per week **Prerequisites:** ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) **Prohibitions:** ECOP3009 **Assessment:** Long essay, Short essay, 1 and 1/2 hour examination

Foreign exchange, international bond and derivative markets have expanded dramatically over the past 20 years. This unit of study examines reasons for the growth of these markets and their vulnerability to some form of volatility and crisis. Case studies of individual corporate financial crises and national financial crises are considered. The unit also addresses the regulation of financial markets, both on a national and international scale. It looks at the history of regulation, key regulatory and monitoring agencies, and arguments for a new international financial architecture.

**ECOP3551****Political Economy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

**ECOP3552****Political Economy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

**ECOP3553****Political Economy Exchange**

**Credit points:** 6 **Session:** Semester 1, Semester 2  
*Note: Department permission required for enrolment.*

**ECOP3620****Distribution of Income and Wealth**

**Credit points:** 6 **Teacher/Coordinator:** Dr Martijn Konings **Session:** Semester 1 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) **Assessment:** mini essay, essay, tutorial participation, 1 and 1/2 hour examination.

The distribution of income and wealth is unequal in all nations, but the extent of inequality varies. What determines the size of these disparities? How have they changed over time? How do governments influence the distribution of income and wealth? Are alternative economic policies feasible? This unit explores how political economic analysis can be applied to the study of these issues of economic inequality.

**ECOP3911****Theories in Political Economy**

**Credit points:** 6 **Teacher/Coordinator:** Dr Damien Cahill **Session:** Semester 1 **Classes:** One 2 hour class per week **Prerequisites:** Credit average in 4 intermediate or senior ECOP units including (ECOP2911 or (ECOP2901 and ECOP2902)) **Prohibitions:** ECOP3901 **Assessment:** Seminar presentation; Essay; Class participation

*Note: Third year students who have not completed the prerequisites should consult the Department of Political Economy about alternative requirements.*

This unit of study looks at the various theoretical frameworks within which political economic analysis is constructed. It compares the methodologies of the principal schools of economic thought with particular emphasis on the non-neoclassical approaches to the study of economic issues. The unit is required preparation for intending honours students but is also available to pass students with a credit average in previous units.

**ECOP3912****Research in Political Economy**

**Credit points:** 6 **Teacher/Coordinator:** Dr Susan Schroeder **Session:** Semester 2 **Classes:** One 2 hour class per week **Prerequisites:** Credit average in 4 intermediate or senior ECOP units including (ECOP2911 or (ECOP2901 and ECOP2902)) **Prohibitions:** ECOP3902 **Assessment:** Seminar participation; Epistemology paper; Evidence paper; Research plan.

*Note: Third year students who have not completed the prerequisites should consult the Department of Political Economy about alternative requirements.*

This unit considers the variety of research methods that can be used in Political Economy. Discussion of methodology is a principal focus. Practical consideration is also given to research materials, bibliographical access, quantitative methods, surveys and fieldwork. This is important preparation for students intending to do an honours dissertation, but the unit is also available to pass students with a credit average in previous units.

**ECOP4001****Political Economy Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr Dick Bryan **Session:** Semester 1, Semester 2 **Prerequisites:** ECOP2011, ECOP2612 (or ECOP2012 prior to 2009), ECOP2911, ECOP3911, ECOP3912 and one other senior level ECOP unit. Students who do not meet this requirement may apply to the honours coordinator for a waiver to permit their entry to honours. **Corequisites:** ECOP4002, ECOP4003, ECOP4004

*Note: Department permission required for enrolment.*

All students are required to undertake a 20,000 word dissertation and coursework during their final honours year. The dissertation is on a topic of each student's own choice, subject to staff approval: the dissertation proposal is normally developed during the preceding year of studies in Political Economy honours. The coursework requirement is two semester-length units. Students may choose one of these units from among those on offer in other programs in another department, subject to the agreement of the relevant discipline and the Director of the Political Economy honours program.

**ECOP4002****Political Economy Honours B**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ECOP4001, ECOP4003

See ECOP4001

### ECOP4003

#### Political Economy Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ECOP4001, ECOP4002

See ECOP4001

### ECOP4004

#### Political Economy Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ECOP4003

See ECOP4001

## Studies in Religion

### RLST1001

#### Paths to Enlightenment

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof C. Cusack **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Assessment:** One 1 hour exam (30%), one 2500 word essay (50%) and one tutorial presentation (20%)

This unit of study is an introduction to the traditions of eastern Asia and Aboriginal Australia in addition to the theories and evidence of the pre-historic development of religion. It will provide you with the factual and academic foundations needed to approach these questions, and will give you a greater insight to the beliefs and philosophies of indigenous Australia and the East.

*Textbooks*  
Course Reader

### RLST1002

#### The History of God

**Credit points:** 6 **Teacher/Coordinator:** Prof Gardner **Session:** Semester 1, Summer Early **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Assessment:** One 1 hour exam (30%), one 2500 word essay (50%) and one tutorial presentation (20%)

This unit is a general introduction to the emergence of the great religious traditions in the ancient world, with specific reference to the West Asian and Mediterranean regions. The unit of study includes the ancient religions of Egypt, Persia, Greece and Rome, as well as the foundations of Judaism, Christianity and Islam. Special attention is given to the tensions between monotheism (one god) and polytheism (many gods). Students are expected to specialise in traditions and themes of their own choice in writing essays.

*Textbooks*  
Course Reader

### RLST1801

#### Religious Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr J Johnston **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point junior unit of study in Studies in Religion at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department.

### RLST2610

#### Mahayana Buddhism

**Credit points:** 6 **Teacher/Coordinator:** Dr P Fuller **Session:** Semester 2 **Classes:** 2 hours lectures and 1 hour tutorial per week **Assumed knowledge:** 12 Junior credit points in Religion, or their equivalent as assessed by the department. **Assessment:** 2000 word essay (50%), 1500 word take-home exam (30%) 1000 word tutorial presentation (20%).

This unit surveys Mahayana (Great Way) Buddhism, which developed in India and spread to Tibet, Central Asia, China, Mongolia, Vietnam, Korea and Japan. Firstly, the development and rise to dominance of Mahayana in India is examined. Scriptures, philosophy, and the path

of the bodhisattva intent on the awakening of all beings are central. Secondly, the elaboration of Buddhism in Tibet is analysed, particularly the function of the lama, the four major schools, and Tantrism. Thirdly, Buddhism in the Far East is examined.

*Textbooks*  
Course Reader

### RLST2612

#### Dualism: Zoroaster, Gnosis & Manichaeism

**Credit points:** 6 **Teacher/Coordinator:** Assoc. Prof. I Gardner **Session:** Semester 2 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prohibitions:** RLST2012 **Assumed knowledge:** 12 junior credit points of Religion Studies, or equivalent as assessed by the Department **Assessment:** Tutorial Presentation (1,000 words) 25% Essay (2,000 words) 40% Take Home Exam (1,500 words) 35%

This unit provides an overview of the Zoroastrian, Gnostic and Manichaean traditions, with particular emphasis on certain topics and themes. These include: Zoroaster and the context of Indo-Iranian religion; Christian gnosis; Hermeticism and alchemy; Manichaeism; dualism and the problem of evil; apocalypse and eschatology. A special feature of this unit is the use of new and unpublished texts and research deriving from ongoing fieldwork in the Middle East.

*Textbooks*  
Course Reader

### RLST2614

#### Philosophy of Religion: Reason & Belief

**Credit points:** 6 **Teacher/Coordinator:** Dr J Johnston **Session:** Semester 1 **Classes:** one 2 hr lecture, one 1 hr tutorial/week **Prohibitions:** RLST2014 **Assumed knowledge:** 12 Junior credit points of Religion Studies **Assessment:** Two 2000 word essays and tutorial presentation

Since the late 19th century, discussion within the philosophy of religion has shifted from the traditional arguments for God's existence to a broader set of themes concerning the relations of reason and faith. In this course, we will critically examine a range of philosophical approaches that are responsible for this shift, analysing how philosophers such as Kierkegaard, Nietzsche and Wittgenstein have understood these two concepts and the relations between them. We will ask: what is reason and what is its status? Is it sovereign or is faith autonomous from reason? Can they coexist or do they pose a threat to each other?

*Textbooks*  
Course Reader available from the University Copy Centre

### RLST2623

#### Meditation and Self Transformation

**Credit points:** 6 **Teacher/Coordinator:** Dr P Fuller **Session:** Semester 1 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prohibitions:** RLST2023 **Assumed knowledge:** 12 junior credit points of Religion Studies, or equivalent as assessed by the Department **Assessment:** One 2500 word essay (50%), one tutorial paper (20%) and one exam (30%)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Introductory examination of systems of meditative practices found mainly in Hindu and Buddhist traditions. Reference will be made to practices followed within Christian traditions. Theoretical/doctrinal/textual foundations are critically examined, with attention to the interpretive problems they present. The unit of study aims to enable students to gain an intellectual understanding of meditation and an ability to consider critically the issues it raises.

*Textbooks*  
Course Reader

### RLST2624

#### The Birth of Christianity

**Credit points:** 6 **Teacher/Coordinator:** Prof. I Gardner **Session:** Semester 1 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prohibitions:** RLST2024 **Assumed knowledge:** 12 junior credit points of Religion Studies, or equivalent as assessed by the Department **Assessment:** Tutorial Presentation (1,000 words) 25% Essay (2,000 words) 40% Take Home Exam (1,500 words) 35%

This unit discusses the textual, archaeological and socio-cultural evidence for the origins of Christianity; with a particular purpose to analyse how cults centred on the charismatic figure of Jesus of Nazareth led to the construction of such a powerful religious tradition. Tensions within that emergent tradition will be considered, and especially its struggle towards self-identity with both Judaism and the Greco-Roman world.

*Textbooks*  
Course Reader

### RLST2628 Religion and Film

**Credit points:** 6 **Teacher/Coordinator:** Dr C Hartney **Session:** Semester 1, Summer Late **Classes:** 2 hours lectures and 1 hour tutorial **Prohibitions:** RLST2028 **Assumed knowledge:** 12 junior credit points of Religion studies, or their equivalent to be assessed by the Department. **Assessment:** 1500 take-home exam (30%), 2500 word essay (50%), tutorial presentation (20%)

This unit analyses the position of religion in a range of films, such as the presentation of Buddhism in recent Western films (Kundun, Little Buddha, Seven Years in Tibet); the image of Christianity in 'sword and sandal' epics (Ben Hur, Quo Vadis); the role of film in familiarising Western audiences with unfamiliar religious traditions (e.g. ethnographic documentaries); and the depiction of post-modern religious concerns in science fiction (Blade Runner, The Matrix etc).

*Textbooks*  
Course Reader

### RLST2631 Celtic and Germanic Mythology

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof C Cusack **Session:** Semester 1 **Classes:** One 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** 12 junior credit points of Religion Studies, or equivalent as assessed by the Department **Prohibitions:** RLST2001, RLST2002 **Assessment:** One 2000 word essay, one 1500 word text-based assignment and tutorial presentation

This unit investigates the mythology and the religion of the Celtic and Germanic peoples. It ranges from prehistoric sites of Hallstatt (800 BCE) and Jastorf (350 BCE) to the Christian Middle Ages, when mythological collections (e.g. the Eddas and the Lebor Gebala) were compiled. Sources used include archaeology, texts, folkloric survivals, and Indo-European mythology. It covers deities and the supernatural; sacred times and places; kingship and priesthood; goddesses; death and afterlife; and the conversion of the Celts and Germans to Christianity.

*Textbooks*  
Course Reader

### RLST2633 Religion and Television

**Credit points:** 6 **Teacher/Coordinator:** Dr C Hartney **Session:** Semester 2 **Classes:** 2 hours lectures and 1 hour tutorial **Assumed knowledge:** 12 junior credit points of Religion or equivalent as assessed by the Department **Assessment:** 3000 word essay (60%), 1500-word personal report on group project (30%), group seminar presentation (10%)

Television is central to the daily consciousness of the world and the key to understanding sudden shifts in thinking on religion in Australia and the West in general. We will examine various examples of television, discuss and workshop through various theoretical explanations, their impact on how religion is and can be understood. Dramas, reality television, comedy and current affairs programs will be considered along with music videos, commercial advertisements and religious propaganda.

*Textbooks*  
Course Reader

### RLST2634 Religion, Media and Consumerism

**Credit points:** 6 **Teacher/Coordinator:** Dr J Johnston **Session:** Semester 1 **Classes:** 2 hours lectures, 1 hour tutorial **Assumed knowledge:** 12 junior credit points of Religion or equivalent as assessed by the Department **Assessment:** 2500 word essay (50%), 1250 word tutorial presentation (30%), WebCT presentation (20%)

This unit examines religion, media and consumer cultures, both the way that consumer practices and forms (including new media) are used to build spiritual communities and individual identities, as well as the ways in which spiritual / religious discourse is utilised in contemporary media forms to promote goods and services. Topics include: the 'trade fairs' of New Age religion; tele-evangelism, evangelical Christianity and consumption; the commodification of 'secret' texts; and the selling of Yoga to the West.

*Textbooks*  
Course Reader

### RLST2635 Sex, Desire and the Sacred

**Credit points:** 6 **Teacher/Coordinator:** Dr J Johnston **Session:** Semester 2 **Classes:** One 2 hour lecture and one 1 hour tutorial per week. **Assumed knowledge:** 12 junior credit points of Religion Studies, or equivalent as assessed by the Department **Assessment:** 2500 word essay (50%), 1250 word tutorial presentation (30%), WebCT presentation (20%)

This unit examines relations between sexuality, desire, gender and the sacred as presented in the major faith traditions, including their esoteric currents, and in New Age religion. It is designed to introduce students to conceptualisations of the self and divine and their interrelation, and covers core philosophy of religion topics such as ontology and ethics. Topics include tantra, the commercialisation of 'sacred sex', eroto-mysticism, cults of virginity and abstinence. Significant attention is given to issues of cultural difference and gender.

*Textbooks*  
Course Reader

### RLST2636 Ancient Egyptian Religion and Magic

**Credit points:** 6 **Teacher/Coordinator:** Prof I Gardner **Session:** Semester 1 **Classes:** One 2 hour lecture and one 1 hour tutorial per week. **Assumed knowledge:** 12 junior credit points of Religion or equivalent as assessed by the Department **Assessment:** 2000 word essay (50%), 1000 word exam (30%), 1000 word tutorial presentation (20%)

This unit will introduce the cosmologies, gods and religious structures of Pharaonic Egypt, including the imperial cult, sacred language, popular religion and magic. It will then consider the legacy of ancient Egyptian religion and magic in late antiquity, including the cult of Isis, Hermetic and Gnostic movements, the spiritual influence of the city of Alexandria, and the persistence of Coptic magic. Finally, there will be discussion of the abiding fascination with all things Egyptian in modern esotericism and popular culture.

### RLST2804 Religious Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr J Johnston **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Religious Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies.

### RLST2805 Religious Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr J Johnston **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Religious Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies.

### RLST2806 Religious Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr J Johnston **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Religious Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies.

#### **RLST2809** **Religious Studies Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr J Johnston **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Religious Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies.

#### **RLST2810** **Religious Studies Exchange**

**Credit points:** 6 **Teacher/Coordinator:** Dr J Johnston **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Religious Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies.

#### **RLST4011** **Religious Studies Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Prof I Gardner **Session:** Semester 1, Semester 2 **Classes:** One 2 hour seminar per week **Prerequisites:** Credit average in 48 senior credit points of Studies in Religion. **Assessment:** A thesis of 20,000 words and 10,000 words of written work or its equivalent for each seminar

*Note: Department permission required for enrolment.*

The Honours program in Studies in Religion consists of: a thesis written under the supervision of one or more members of academic staff; two semester seminars that meet weekly for two hours. The thesis should be of 20,000 words in length. Each seminar requires 10,000 words of written work or its equivalent. The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%. The following seminars are on offer in 2010:

Methodology and Issues in the Study of Religion (Professor Iain Gardner, Associate Professor Carole Cusack)

Pilgrimage in the Great Traditions (Associate Professor Carole Cusack)

For more information, contact Professor Iain Gardner, Honours Coordinator

*Textbooks*

Kees Bolle, The Enticement of Religion. University of Notre Dame Press, 2002.

#### **RLST4012** **Religious Studies Honours B**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** RLST4011

Refer to RLST4011

#### **RLST4013** **Religious Studies Honours C**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** RLST4012

Refer to RLST4011

#### **RLST4014** **Religious Studies Honours D**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** RLST4013

Refer to RLST4011

## Sanskrit

### **SANS1001** **Sanskrit Introductory 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrew McGarrity **Session:** Semester 1 **Classes:** 3 hours per week **Assessment:** Classwork, assignments, tests (equivalent to 2000 words), 2.5 hour exam (equivalent to 2500 words).

This unit provides an introduction to Sanskrit. It is intended for students who have little or no previous knowledge of the language. Emphasis will be given to understanding the basic grammatical structures and the Devanagari script. Pronunciation will be given attention. There will be exercises in translation from Sanskrit to English and English to Sanskrit.

*Textbooks*

Egenes, T., Introduction to Sanskrit, Part One. Delhi. Motilal Banarsidass 1996

### **SANS1002** **Sanskrit Introductory 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrew McGarrity **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** SANS1001 **Assessment:** Classwork, assignments, tests (equivalent to 2000 words), 2.5 hour exam (equivalent to 2500 words).

This unit is an extension of work done in SANS1001. By the end of the unit, students will have covered the grammar necessary for reading simple Sanskrit texts.

*Textbooks*

Egenes, T., Introduction to Sanskrit, Part Two. Delhi. Motilal Banarsidass 2000

### **SANS2601** **Sanskrit Intermediate 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrew McGarrity **Session:** Semester 1 **Classes:** 3 hours per week **Prerequisites:** SANS1002 or equivalent **Prohibitions:** SANS2001 **Assessment:** 2 assignments (equivalent to 2000 words), 2.5 hour exam (equivalent to 2500 words).

This unit will complete the more advanced grammatical forms in the first half of the semester and will then be devoted to reading classical Sanskrit literature, especially selections relevant to the study of Indian religion and culture. Readings will be drawn from the Hitopadesha and Mahabharata.

*Textbooks*

Lanman, C. R., A Sanskrit Reader, 2nd edn. (Satguru Publications, 1983)

### **SANS2602** **Sanskrit Intermediate 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrew McGarrity **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** SANS2001 or SANS2601 or equivalent **Prohibitions:** SANS2002 **Assessment:** Classwork, assignments, tests (equivalent to 2000 words), 2.5 hour exam (equivalent to 2500 words).

This unit will be devoted to reading classical Sanskrit literature, especially selections relevant to the study of Indian religion and culture. Readings will be drawn from texts such as the Bhagavadgita, Mahabharata and Jatakamala.

*Textbooks*

Lanman, C.R., A Sanskrit Reader 2nd edn. (Satguru Publications, 1983)

### **SANS2612** **Sanskrit Research Preparation 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrew McGarrity **Session:** Semester 2 **Classes:** 3 hours per week **Prerequisites:** SANS2001 or SANS2601 or equivalent **Prohibitions:** SANS2901, SANS2902 **Assessment:** 3 assignments (equivalent to 2500 words), one 2-hour exam (equivalent to 2000 words).

Designed for students hoping to specialise in Indian and/or Buddhist studies, this unit focuses on the classical languages of India, with a view to providing students with the ability to read and conduct research into Sanskrit texts in their original language.

**SANS3601****Sanskrit Advanced 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Mark Allon **Session:** Semester 1  
**Classes:** 3 hours per week **Prerequisites:** SANS2002 or SANS2602 or equivalent **Prohibitions:** SANS3001 **Assessment:** 2 assignments (equivalent to 2000 words), 2.5 hour exam (equivalent to 2500 words).

This unit will be devoted to reading a range of Sanskrit literature including more advanced poetical and philosophical texts. Readings will be drawn from texts such as the Ramayana, Buddhacarita and Yogasutras.

**SANS3602****Sanskrit Advanced 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Mark Allon **Session:** Semester 2  
**Classes:** 3 hours per week **Prerequisites:** SANS3001 or SANS3601 or equivalent **Prohibitions:** SANS3002 **Assessment:** 2 assignments (equivalent to 2000 words), 2.5 hour exam (equivalent to 2500 words).

This unit will be devoted to reading a range of Sanskrit literature including more advanced poetical and philosophical texts. Readings will be drawn from texts such as the Ramayana, Buddhacarita and the Yogasutras.

**SANS4001****Sanskrit IV Honours A**

**Credit points:** 12 **Teacher/Coordinator:** Dr Andrew McGarrity **Session:** Semester 1, Semester 2 **Classes:** Two seminars, each seminar meets weekly for 2 hours for one semester **Prerequisites:** The completion of 8 senior units of study: a Credit average in senior level Sanskrit language units of study (SANS2601, SANS2602, SANS2612, SANS3601, SANS3602 and SANS3612) plus two additional units of study chosen from the following senior level Asian Studies units of study: ASNS2620 Classical Indian Philosophy, ASNS2621 Buddhist Philosophy, ASNS2623 India: Tradition and Modernity, ASNS2624 Understanding Buddhist Literature, ASNS2625 Buddhism in Modern Asia, ASNS2626 Religious Traditions of South Asia, and / or any senior unit of Hindi / Urdu or equivalent as determined by the Department. **Assessment:** A thesis of 18000-20000 words and 6000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Sanskrit consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester.

The thesis should be of 18000-20000 words in length. Each seminar requires 6000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.

The thesis and departmental coursework topics must be chosen in consultation with the department. The following seminars are on offer in 2010:

Departmental Methodology (Dr Andrew McGarrity and Dr Mark Allon)

Departmental Coursework (Dr Andrew McGarrity and Dr Mark Allon)

For more information, contact Dr Andrew McGarrity, Honours coordinator.

**SANS4002****Sanskrit IV Honours B**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** SANS4001

See SANS4001

**SANS4003****Sanskrit IV Honours C**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** SANS4002

See SANS4001

**SANS4004****Sanskrit IV Honours D**

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** SANS4003

See SANS4001

**Social Policy****SCPL2601****Australian Social Policy**

**Credit points:** 6 **Teacher/Coordinator:** Dr Amanda Elliot **Session:** Semester 1  
**Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCPL3001 **Assessment:** one 1500 word essay (30%), one 1000 word tutorial paper and presentation (30%) and one 2 hour exam (40%)

In this unit of study Australian social policy is explored: the legal and administrative framework; relationships between family and the state; employment, unemployment, unpaid work and welfare; the public/private mix; aged care policies, the culture of welfare state provision, indigenous policies, migration, multiculturalism and the formulation and delivery of social welfare services in Australia.

*Textbooks*

Reader available via the University Copy Centre

**SCPL2602****The Principles of Social Policy**

**Credit points:** 6 **Teacher/Coordinator:** Dr Gyu-Jin Hwang **Session:** Semester 2  
**Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCPL3002 **Assessment:** one 2000 word essay and one 2 hour exam

The focus of this unit of study is on the concepts and principles underpinning the allocation of welfare, in the context of policy-making in Australia's complex society. Current debates on principles of allocation will be addressed, such as debates about social justice, welfare rights and social and economic needs. Australia's future policy directions are considered in relation to the parameters of international models of welfare.

*Textbooks*

readings will be available at the University Copy Centre

**SCPL2603****Development and Welfare in East Asia**

**Credit points:** 6 **Teacher/Coordinator:** Dr Gyu-Jin Hwang **Session:** Semester 1  
**Classes:** 6000 words of written work **Prerequisites:** SCLG1001 and SCLG1002 **Assessment:** 6000 words of written work

This unit explores social development and its transformation in East Asia by introducing key concepts and ideas associated with them. It then tests the universality of theories about social development by making comparisons within a specific country context as well as between countries in order to provide a wide range of possible ways of looking at more than one situation separated by time, space, and/or policy issue. It takes a state-market-society nexus as an organising theme and examines the various roles the state, market and civil society play in social development.

*Textbooks*

readings will be available at the University Copy Centre

**Social Sciences (For continuing Bachelor of Social Sciences students only)****SSCI3601****Social Sciences Internship**

**Credit points:** 12 **Teacher/Coordinator:** Claire Havey (S1), TBA (S2)  
**Session:** Semester 1, Semester 2 **Classes:** minimum 210 hours of monitored work place experience, plus supervisory consultations **Prerequisites:** SSCI1001 or SSCI2001 or SSCI2601 and SSCI2002 or SSCI2602 and STAT1021 and SCLG2602 or SCLG2521 **Prohibitions:** SSCI3001 **Assessment:** will be determined on the basis of meeting the requirements/or failing to meet the requirements of the course. In order to meet these requirements, you need to attend the internship and receive a satisfactory report by your internship supervisor within your placement.

*Note: Bachelor of Social Sciences only*

The internship provides an opportunity for students to gain practical experience in a professional setting as part of their academic training. Students undertake a minimum of 30 working days in a social sciences environment, from 3 to 5 days per week. They will be assisted and supervised by both the workplace and the department. Placements



may include government departments, non-governmental organizations, community organizations, corporations, private consultancies, etc.

### SSCI3602

#### Internship Research Paper

**Credit points:** 12 **Teacher/Coordinator:** Dr Jennifer Wilkinson (S1), TBA (S2) **Session:** Semester 1, Semester 2 **Classes:** independent research with compulsory supervisory consultations **Prerequisites:** SSCI1001 or SSCI2001 or SSCI2601 and SSCI2002 or SSCI2602 and STAT1021 and SCLG2602 or SCLG2521 **Corequisites:** SSCI3001 or SSCI3601 **Prohibitions:** SSCI3002 **Assessment:** one 4500 word (or equivalent) Internship research essay and one 6000 word (or equivalent) professional journal

*Note: Bachelor of Social Sciences only*

The Internship Research Paper provides an opportunity for students to reflect on their research experiences during the internship in a social sciences environment (SSCI3601). Students will keep a reflective journal about their research experiences during the internship, which will form the basis of a research report to be submitted for assessment. Students, in consultation with a supervisor from the Bachelor of Social Sciences program, will formulate a topic for their research essay which should demonstrate the ability to reflect critically on the relation between their practical experience in their particular placement and social science theory more generally.

## Socio-Legal Studies

### SLSS1001

#### Introduction to Socio-Legal Studies

**Credit points:** 6 **Teacher/Coordinator:** Dr Allen George **Session:** Semester 1 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Assessment:** class participation (10%), one 1500 word take-home exam (40%), one 3000 word essay (50%)

*Note: Available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only*

This unit provides students with an introduction to the understanding of legal ideas, institutions and practices in their social and historical contexts. It will provide an historical overview of legal institutions and forms of law in Australia, the place of the idea of the rule of law in state-formation, liberalism, processes of civilization and colonialism, law and the public/private distinction, changing conceptions of human rights, as well as outlining the central features of the various fields of law.

*Textbooks*

Unit reader will be available through the Copy Centre

### SLSS1003

#### Law and Contemporary Society

**Credit points:** 6 **Teacher/Coordinator:** Dr Greg Martin **Session:** Semester 2 **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Assessment:** one 500 word tutorial presentation, one 1500 word take-home exam, one 3000 word essay

*Note: Available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only*

This unit provides an understanding of the central themes and issues in social scientific analyses of the operation of law in society. After briefly outlining the various ways in which social life is organised in terms of law, the unit will examine a range of key concerns in the development of legal ideas, institutions and processes today, including the increasing legal regulation of private life, law and science, human rights, the globalisation of law, terrorism, risk and security, law and social inequality and citizenship.

*Textbooks*

Unit reader will be available through the Copy Centre

### SLSS2601

#### Socio-Legal Research

**Credit points:** 6 **Teacher/Coordinator:** Dr Deirdre Howard-Wagner **Session:** Semester 1 **Classes:** one 1 hour lecture and one 2 hour tutorial per week **Prerequisites:** SLSS1001 and SLSS1003 or SLSS1001 and SLSS1002 **Assessment:** one tutorial presentation, one 2000 word content analysis exercise and one 2000 word research essay

*Note: Available to Bachelor of Socio-Legal Studies only*

This unit will develop an understanding of social science research methods as they apply to socio-legal studies. It will therefore discuss the theoretical aspects of research design and methodology and provide an overview of the main research methods applicable in socio-legal studies. These will include the development of research questions; examination of statutes, legislation, case law and law reform debates; library and archive research; content analysis and discourse analysis; interviewing; participant observation; data recording, coding and analysis; and research ethics.

*Textbooks*

Unit reader available through the University Copy Centre

### SLSS2603

#### Medico-Legal and Forensic Criminology

**Credit points:** 6 **Teacher/Coordinator:** Dr Rebecca Scott Bray **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SLSS1001 and SLSS1003 or SCLG1001 and SCLG1002 **Assessment:** 4500 words of written work

*Note: Available to Bachelor of Socio-Legal Studies only*

This unit of study explores the relationship between crime, law, medicine and science in society by specifically examining the history of criminal detection practices, death investigation systems and the coroner's office, the role of medicine and science in criminal justice and socio-legal management of the dead. Students will be introduced to developing areas in medico-legal and forensic criminology, and will explore specific issues and case studies such as human tissue and organ controversies.

*Textbooks*

readings will be available at the University Copy Centre

### SLSS2604

#### Indigenous Social and Legal Justice

**Credit points:** 6 **Teacher/Coordinator:** Dr Deirdre Howard-Wagner **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SLSS1001 and SLSS1003 or SLSS1001 and SLSS1002 **Assessment:** IN-class presentation (500 words); research essay (3000 words); tutorial participation/attendance

*Note: Available to Bachelor of Socio-Legal Studies Students only*

This unit will provide students with an appreciation of issues facing Indigenous peoples in the struggle for social and legal justice, focussing on the idea of Indigenous justice in Australia in the context of other comparable nations, such as the United States, Canada and New Zealand. We will compare specific examples or models of law and policy recognising Indigenous social and legal justice in specific areas, such as child protection, criminal justice, and land rights, in Australia and overseas.

### SLSS2801

#### Socio-Legal Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only*

### SLSS2802

#### Socio-Legal Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only*

### SLSS2803

#### Socio-Legal Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only*

### SLSS2804

#### Socio-Legal Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only*

### SLSS2805

#### Socio-Legal Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only*

### SLSS2806

#### Socio-Legal Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only*

### SLSS2807

#### Socio-Legal Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only*

### SLSS2808

#### Socio-Legal Studies Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only*

### SLSS4011

#### Socio-Legal Studies Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Greg Martin **Session:** Semester 1, Semester 2 **Classes:** 2 weekly seminars meeting 2 hours each during Semester 1 **Prerequisites:** completion of all requirements of a Bachelor of Socio-Legal Studies with a credit average in senior level core and elective Socio-Legal Studies units. Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. **Assessment:** 12000 words of written work or its equivalent in Semester 1 and a thesis of 15000-20000 words in Semester 2

*Note: Department permission required for enrolment.*

Honours consists of a number of seminars, coursework and the completion of a substantial research thesis. For details please contact the Honours Coordinator.

### SLSS4012

#### Socio-Legal Studies Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** SLSS4011

refer to SLSS4011

### SLSS4013

#### Socio-Legal Studies Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Greg Martin **Session:** Semester 1, Semester 2 **Corequisites:** SLSS4012

Please refer to SLSS4011

### SLSS4014

#### Socio-Legal Studies Honours D

**Credit points:** 12 **Teacher/Coordinator:** Dr Greg Martin **Session:** Semester 1, Semester 2 **Corequisites:** SLSS4013

Please refer to SLSS4011

## Sociology

### SCLG1001

#### Introduction to Sociology 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Catriona Elder **Session:** Semester 1, Summer Early **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Assessment:** one essay (40%), one 2 hour exam (40%) and other work as assigned by coordinator (20%)

This unit introduces students to the study of sociology through an analysis of contemporary Australian society. Using a range of sociological concepts and theories, we will analyse society in the period known as 'modernity'. Students will be encouraged to analyse existing social phenomena through the prisms of gender, sexuality, ethnicity, class, multiculturalism and indigeneity.

*Textbooks*

Readings will be available at the University Copy Centre

### SCLG1002

#### Introduction to Sociology 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Catriona Elder **Session:** Semester 2, Winter Main **Classes:** two 1 hour lectures and one 1 hour tutorial per week **Assessment:** one essay (40%), one 2 hour exam (40%) and other work as assigned by coordinator (20%)

Students will continue to be introduced to sociology through the analysis of contemporary society. Through a focus on the sociology of everyday life, we will explore the relationships between various social and cultural forms, institutional sites and the practices of everyday life. Topics such as fame and celebrity, fashion and consumption, globalization community and belonging will be explored.

*Textbooks*

Readings will be available at the University Copy Centre

### SCLG1801

#### Sociology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### SCLG2601

#### Sociological Theory

**Credit points:** 6 **Teacher/Coordinator:** Dr Craig Browne **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2001, SCLG2520 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

In this unit of study we will examine the main strands of sociological thought and identify the key concepts, debates and issues in the development of sociological theory. It will focus on the writings of leading social theorists and sociologists, their contribution to the development of a distinctly sociological theory, and their continuing impact on current theoretical debates in sociology. Topics covered will include: the origins of sociology; industrialism; classical theorists; sociology of urban society; interactionism and everyday life; psychoanalysis; sociology of knowledge and culture; feminist challenges to sociological paradigms; postmodernity and the future of society. This unit is mandatory for Sociology majors.

*Textbooks*

Unit reader will be made available through the Copy Centre

### SCLG2602

#### Social Inquiry: Research Methods

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Gill **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** Either SCLG1001 and SCLG1002 or SCWK2003 or SSCI1003 **Prohibitions:** SCLG2002, SCLG2521 **Assessment:** 4500 words of written work

This unit of study introduces students to a range of qualitative and quantitative research methods in common usage throughout the social sciences. The course has both analytical and practical components. With regard to the former, students are introduced to the methodological issues in contemporary sociology and their impact on the research process. An emphasis will be placed on developing a critical ability to read sociological research, with an eye to understanding its methodological adequacy, the political and ethical issues that arise whilst conducting research, and debates over interpretation and the production of knowledge. With regard to the latter component, students will undertake practical exercises in order to learn to appreciate and use a selection of research approaches, methods and techniques.

*Textbooks*

Unit reader will be available through the Copy Centre

### SCLG2604

#### Social Inequality in Australia

**Credit points:** 6 **Teacher/Coordinator:** Dr Laura Beth Bugg **Session:** Semester 1, Summer Late **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2010, SCLG2529 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit examines sociological approaches to social inequality. Questions about social inequality are integral to contemporary notions of equality, citizenship, human rights, social justice and emancipation. A central theme of the unit (and a central preoccupation of sociologists) is ways in which social relations of inequality are shaped, represented, experienced, negotiated and challenged in everyday life. Some important questions for this unit are: How do sociologists understand and explain patterns of inequality? What are the enabling and constraining factors shaping people's 'life chances'? How are social relations of inequality, experienced, challenged and disrupted? Is social inequality an inevitable condition of human existence?

*Textbooks*

Unit reader will be available through the Copy Centre

### SCLG2605

#### Social Justice Law and Society

**Credit points:** 6 **Teacher/Coordinator:** Kiran Grewal **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2017, SCLG2536 **Assessment:** one 2500 word research paper (60%) and one 1800 word essay (40%)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit of study examines a range of approaches to social justice, including distributive and recognition or identity theories. We ask how one works out what a socially just society would look like, considering guiding principles such as desert, need, merit and equality of resources, opportunity or capabilities. We then link these ideas with principles and practices of legal equality and human rights law and specific contemporary social justice topics such as racial, gender, environmental and international justice.

### SCLG2606

#### Media in Contemporary Society

**Credit points:** 6 **Teacher/Coordinator:** Dr Annette Falahey **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2018, SCLG2537 **Assumed knowledge:** Ability to access internet and basic web browsing skills **Assessment:** 4500 words of written work; participation (15%), essay (35%), take-home exam (50%)

This unit will examine key issues and debates within current sociological writings on media in contemporary society. The tutorial discussions focus on media, including radio, film, television, video, print, news, current affairs programmes and advertising, all of which are considered in relation to media audiences. We will consider the research literature on the sociology of media in order to investigate methods of carrying out media research, particularly of media audience research. The aim is to encourage students to develop an informed understanding of media, including their own engagement with media in contemporary society, and to explore computer based technology as an educational tool for studying media in contemporary society.

*Textbooks*

Unit reader will be available through the Copy Centre

### SCLG2607

#### Social Movements and Policy Making

**Credit points:** 6 **Teacher/Coordinator:** Dr Annette Falahey **Session:** Semester 1 **Classes:** 2 hrs of lecture and 1 hr of tutorial **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2570 **Assessment:** 4500 words of written work; participation (15%), essay (35%), take home exam (50%)

Drawing on contemporary sociological analysis this unit critically explores participation, organization and outcomes of social movements. The unit explores the intersections between citizenship and democracy in relation to social movements and policy making. Moreover, the unit addresses links between societal and cultural arrangements and social movements for change. Students will have the opportunity to explore the theoretical ideas introduced in this unit

by investigating a range of social movements, such as, anti-global movements, environmentalism and feminist movements.

*Textbooks*

Unit reader will be available through the Copy Centre

### SCLG2608

#### Social Construction of Difference

**Credit points:** 6 **Session:** Semester 1, Winter Main **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2004, SCLG2523 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

The focus of this unit of study is on the dynamics of the identification of 'difference' in society, including the processes of stigmatisation and demonisation of 'deviants'. The unit focuses on areas such as the debates surrounding the 'welfare underclass', unruly youth, refugees and asylum seekers, trans-gendered persons, the care of the mentally ill, etc. Significant theoretical debates will be addressed, including 'realism' vs. 'social construction', 'defining deviance down' (Moynihan; Hendershott), the 'Broken Windows' thesis (Wilson and Kelling) and Jock Young's theory of 'Essentialising the Other'.

*Textbooks*

Unit reader will be available through the Copy Centre

### SCLG2609

#### Contemporary Cultural Issues

**Credit points:** 6 **Teacher/Coordinator:** Dr Annette Falahey **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2501 **Assessment:** 4500 words of written work; participation (15%), essay (35%), take home exam (50%)

This unit of study will examine key issues and debates within current sociological writings on culture. It will assess critically a range of cultural issues pertinent to structuralist, poststructuralist, deconstructionist as well as postmodern accounts of contemporary culture. An aim of this unit is to link concepts of culture to specific case studies, in order to facilitate the joining of theory with research. This aim will be achieved through addressing various issues, including analysis of cultural representations, popular culture, as well as the role of agency within cultural formations.

*Textbooks*

Unit reader will be available through the Copy Centre

### SCLG2610

#### Science, Technology and Social Change

**Credit points:** 6 **Teacher/Coordinator:** Dr Melinda Cooper **Session:** Semester 1 **Classes:** 2 hrs of lecture and 1 hr of tutorial **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2504 **Assessment:** 2,500 words of written work (60%) and 2 hours of examination (40%)

This unit examines a range of sociological theories and debates concerning science and technology. Students will investigate the two-way relationship between science/technology and society, i.e., the social shaping of science and technology, and the impact of science and technology on society. Issues to be examined include the social production of science and technology, the science-technology relationship, the politics and economics of science and technology, science and technology in medicine, in reproduction, in the workplace, and the role of science and technology in environmentalism and the environmental movement.

### SCLG2611

#### Welfare States: A Comparative Analysis

**Credit points:** 6 **Teacher/Coordinator:** Dr Gyu-Jin Hwang **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2509 **Assessment:** 4500 words of written work

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

Contemporary developments and debates concerning welfare in Australia are put into a new perspective when considered in comparison with welfare states throughout the world. In this unit of study, students will have the opportunity to compare Australian welfare

arrangements and social policies with those in other industrialised countries. How do other countries conceptualise and make arrangements for people who are unemployed, or pregnant or sick, or old? What are the principles that underpin these arrangements and how can we account for the differences between countries? The unit will focus on social policies concerned with health, employment and unemployment, work and family, disability, ageing and childhood. Students will develop comparative analyses with both Western industrialised welfare states and the emerging Asian welfare states. In addition to developing knowledge of particular social policies in particular countries, students will explore the theoretical frameworks that have underpinned comparative welfare state analysis. They will also have the opportunity to interrogate the dominant discourses that have informed social policy development including those concerning rights, citizenship, obligations, reciprocity and social capital.

#### Textbooks

Unit reader will be available through the Copy Centre

### SCLG2612

#### Self and Society

**Credit points:** 6 **Teacher/Coordinator:** Dr Craig Browne **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2510 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

The nature of human subjectivity has fascinated and drawn the attention of thinkers from many different fields. While the questions, who are we? how do we become individual? are often asked, the ways of answering these questions constantly change. In this unit, the discursive construction of the self will be examined in the light of the political, technological and social changes which constantly influence the meanings and histories of self, subjectivity and identity. The unit will explore questions such as whether there is a human 'nature' which precedes or exists beyond society; whether historical circumstances determine human emotional response; whether new forms of technology and modes of communication influence self-knowledge; whether consumerism and materialism commodify identity; whether the roles played in everyday life and the management of social interactions produce or conceal who we are. The unit begins with commonsensical views on identity and proceeds to deconstruct them.

#### Textbooks

Unit reader will be available through the Copy Centre

### SCLG2613

#### Sociology of Childhood and Youth

**Credit points:** 6 **Teacher/Coordinator:** Dr Amanda Elliot **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2522 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

This unit of study examines the main sociological approaches to childhood and youth in modern industrial societies, as well as the ways in which particular perspectives on childhood are central to all social theory. It will examine the debates surrounding the historical development of childhood, and the various approaches to the impact of state intervention and social policies on both the experiences of childhood and youth and the transition to adulthood. Specific topics discussed include; the social construction of child abuse, youth homelessness and youth criminality as social problems, the stolen generations, children and the law, the fertility decline, and the differentiation of childhood experience along lines of class, gender, race and ethnicity.

#### Textbooks

Unit reader will be available through the Copy Centre

### SCLG2615

#### Law and Social Theory

**Credit points:** 6 **Teacher/Coordinator:** Dr Greg Martin **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 and (SCLG2601 or SCLG2001 or SCLG2520) **Prohibitions:** SCLG2535 **Assessment:** tutorial participation (10%), one 2500 word essay (60%), one 2000 word take-home exam (30%)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit provides a detailed understanding of how the work of a broad range of social theorists contributes to a specifically sociological understanding of legal ideas, institutions and practices. After beginning with classical sociology - Durkheim, Marx and Weber, the unit will then discuss the contributions of the Frankfurt School, Habermas, Foucault, Bourdieu, Luhmann, Elias, and Selznick, as well as the more recent perspectives of postmodern and feminist social theory.

### SCLG2616

#### Global Transformations

**Credit points:** 6 **Teacher/Coordinator:** Dr Salvatore Babones **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2560 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit examines contemporary processes of globalisation. It investigates cultural, economic, and political aspects of globalisation from a distinctively sociological perspective. Theories and data related to globalisation are also applied to world-transforming trends in areas such as immigration, population, technology, human rights, civil society, and democracy. Particular attention is given to the study of both pro- and anti- globalisation movements.

#### Textbooks

Unit reader will be available through the Copy Centre

### SCLG2618

#### Violence, Imaginaries and Symbolic Power

**Credit points:** 6 **Teacher/Coordinator:** Dr Craig Browne **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG2566 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit examines the operation of symbolic power and diverse social manifestations of violence, from revolution through to eroticism. Of particular interest are social imaginaries and the way collective representations embody social creativity, legitimate social structures and inform projects of violent social reconstruction, including war, terrorism, nationalism and genocide. Social imaginaries are constitutive of nationalist visions of self-determining communities, capitalist wealth and social utopias. Different modes of critical analysis are introduced, like critical social theory, discourse analysis, and psychoanalysis.

#### Textbooks

Unit reader will be available through the Copy Centre

### SCLG2621

#### Power, Politics and Society

**Credit points:** 6 **Teacher/Coordinator:** Dr Karl Maton **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Assessment:** one 1500 word take-home exam, one 3000 word essay

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit will examine the core theoretical perspectives in the sociology of power, political action and political structures (Weber, Michels, Lukes, Mills etc.) and the central empirical issues in political sociology. These issues include state formation and governance, political ideas and ideologies in a "knowledge society", political parties, social movements and interest groups, globalisation, modernity and post-modern politics. It will engage with these concerns in relation to a selection of contemporary Australian and global issues in political sociology.

### SCLG2624

#### Human Rights and Social Protest

**Credit points:** 6 **Teacher/Coordinator:** Prof Michael Humphrey **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Assessment:** Minor essay 1500 words, major essay 3000 words and class participation

Explores the rise of human rights discourse and its relationship to moral and religious discourses on suffering and social justice across cultures. Focuses on victims of human rights abuse, the formation of communities of suffering and social movements around victimhood. Examines 'rights talk' as a global discourse and language of protest against social injustice and claims. Examines global human rights machinery and the ethics of humanitarian intervention. Cases studies from Latin America, Africa and the Middle East.

*Textbooks*

Unit reader will be available through the Copy Centre

### SCLG2625

#### Sociology of Friendship

**Credit points:** 6 **Teacher/Coordinator:** Dr Jennifer Wilkinson **Session:** Semester 1 **Classes:** One 1 hour lecture and one 2 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Assessment:** 1 x tutorial presentation, 500 words (equiv.); 1 x short essay, 1000 words; and 1 x research essay, 3000 words.

This unit examines the sociology of friendship, its place within theories of late modern society and its significance for the individual. Students will gain a foundation in key debates about friendship across the social sciences and key theories in the field, both classical and contemporary. It explores the relevance of friendship to other sociological categories, including the public sphere, the family, community and the self. Students will learn to apply this knowledge to an understanding of society and social change.

*Textbooks*

readings will be available at the University Copy Centre

### SCLG2626

#### Sociology of Religion

**Credit points:** 6 **Teacher/Coordinator:** Dr Laura Beth Bugg **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** SCLG1001 and SCLG1002 **Assessment:** One 2500 word research essay, one 500 word tutorial presentation and a final examination

This unit examines the ways in which the religious impulse has been expressed socially, the role of religion in society, the way in which individuals form and change religious commitments, the ways in which religious groups have been organised and evolve, the nature of belief as it is expressed collectively and individually, and controversies over the role of religion in social life. Illustrations from contemporary events will be used to explore major religious policy issues and controversies.

*Textbooks*

Unit reader will be available through the Copy Centre

### SCLG2634

#### Crime, Punishment and Society

**Credit points:** 6 **Teacher/Coordinator:** Dr Rebecca Scott Bray **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour tutorial per week **Prerequisites:** Two of: SCLG1001, SCLG1002, SLSS1001, SLSS1002 and LAWS1100. **Prohibitions:** SCLG2566 **Assessment:** one 3000 word essay, class participation and one 1500 word written exercise

The unit introduces students to the analysis of crime, detection and punishment in their historical, social, political and cultural contexts. It discusses the major theoretical perspectives on the explanation of crime as well as the role and functions of punishment. It examines a range of issues in understanding crime and criminal justice, including the cultural life of crime, forensic knowledges, policing and prisons, youth and juvenile justice, and also considers specific aspects of medico-legal criminology.

*Textbooks*

Unit reader will be available through the Copy Centre

### SCLG2805

#### Sociology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Prerequisites:** SCLG1001 and SCLG1002

*Note: Department permission required for enrolment.*

### SCLG2806

#### Sociology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Prerequisites:** SCLG1001 and SCLG1002

*Note: Department permission required for enrolment.*

### SCLG2809

#### Sociology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Prerequisites:** SCLG1001 and SCLG1002

*Note: Department permission required for enrolment.*

### SCLG2810

#### Sociology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Prerequisites:** SCLG1001 and SCLG1002

*Note: Department permission required for enrolment.*

### SCLG2811

#### Sociology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Prerequisites:** SCLG1001 and SCLG1002

*Note: Department permission required for enrolment.*

### SCLG2812

#### Sociology Exchange

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Prerequisites:** SCLG1001 and SCLG1002

*Note: Department permission required for enrolment.*

### SCLG3601

#### Contemporary Sociological Theory

**Credit points:** 6 **Teacher/Coordinator:** Dr Melinda Cooper **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour seminar per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG3002 **Assessment:** 2500 words of written work (60%) and one 2 hour exam (40%)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit provides a detailed introduction to key social theorists whose ideas are being used extensively in contemporary sociological theory and research. These theorists include: Irving Goffman, Michel Foucault and Pierre Bourdieu. A particular focus is on approaches to human action in its various structural and cultural contexts, the possibilities and limits of human agency, and questions of social change.

*Textbooks*

Unit reader will be available through the Copy Centre

### SCLG3602

#### Empirical Sociological Methods

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Gill **Session:** Semester 2 **Classes:** one 3 hour seminar **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG3003 **Assessment:** interview exercise, class participation and one written research proposal

This unit addresses the political, ethical and practical problems that may arise during the process of conducting research. It will also examine the social and logical links between theory, method, data and analysis. In the seminars we will critically examine the work of other researchers to identify the strengths and weaknesses of their approaches. As part of their assessment students will select a topic of their own and develop a theoretically informed research proposal.

*Textbooks*

Unit reader will be available through the Copy Centre

### SCLG3603

#### Quantitative Methods for Social Science

**Credit points:** 6 **Teacher/Coordinator:** Dr Salvatore Babones **Session:** Semester 2 **Classes:** one 2 hour lecture and one 1 hour seminar per week **Prerequisites:** SCLG1001 and SCLG1002 **Assessment:** 8 x 500 word short research reports; 1 x 500 word equivalent oral presentation of results

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program. It is also available to PE and GIR students.*

This course is intended to prepare undergraduate students to undertake independent quantitative analyses of social science data. Topics include: basic statistical numeracy, how to achieve quantitative results, how to write about quantitative analyses, and basic literacy in generalised linear models. The course is writing intensive. No specific prior mathematical training is assumed, though a basic grasp of simple algebra is expected. By the end of the course, students should be able to approach quantitative social science data with confidence.

### SCLG3604

#### Environmental Sociology

**Credit points:** 6 **Teacher/Coordinator:** Dr Fiona Gill **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour seminar per week **Prerequisites:** SCLG1001 and SCLG1002 **Assessment:** Written assessments (3000 words); examination (1500 words)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit takes a sociological perspective to understanding our built and natural environments. The unit covers key concepts such as community sustainability, environmental footprints, natural resource depletion, Malthusian pressures, consumerism, indigenous environment stewardship, the tragedy of the commons, environmental social movements, risk, vulnerability, sustainable development, and anthropogenic climate change. Environmental case studies and examples will be drawn from Australia, the region, and around the world.

### SCLG3605

#### Urban Sociology

**Credit points:** 6 **Teacher/Coordinator:** Dr David Bray **Session:** Semester 1 **Classes:** one 2 hour lecture and one 1 hour seminar per week **Prerequisites:** SCLG1001 and SCLG1002 **Prohibitions:** SCLG3002 **Assessment:** Written work (3000 words) and one exam (1500 words)

*Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.*

This unit explores the processes of urbanisation in the industrial and post-industrial city. It focuses on key sociological concepts of the urban experience - community, alienation, proletarianisation, social space, social capital, migration, displacement, suburbanisation, slums, urban environment, urban process and capital accumulation. It also explores the relationship between cities and globalisation in the global north and south and the development of cities as nodes in global production and consumption and megacities as new sites of intensive industrialisation and population warehousing.

#### Textbooks

Unit reader will be available through the Copy Centre

### SCLG4011

#### Sociology Honours A

**Credit points:** 12 **Teacher/Coordinator:** Dr Salvatore Babones **Session:** Semester 1, Semester 2 **Prerequisites:** Credit average in 48 credit points of Senior level Sociology including SCLG3602 **Assessment:** All of the major components of the Honours year will be assessed.

*Note: Department permission required for enrolment.*

Honours consists of a number of seminars, coursework and the completion of a substantial research thesis. For details please contact the Chair of Department or the Honours Co-ordinator (where applicable).

### SCLG4012

#### Sociology Honours B

**Credit points:** 12 **Teacher/Coordinator:** Dr Jennifer Wilkinson **Session:** Semester 1, Semester 2 **Corequisites:** SCLG4011

Refer to SCLG4011

### SCLG4013

#### Sociology Honours C

**Credit points:** 12 **Teacher/Coordinator:** Dr Salvatore Babones **Session:** Semester 1, Semester 2 **Corequisites:** SCLG4012

Refer to SCLG4011

### SCLG4014

#### Sociology Honours D

**Credit points:** 12 **Teacher/Coordinator:** Dr Salvatore Babones **Session:** Semester 1, Semester 2 **Corequisites:** SCLG4013

Refer to SCLG4011

## Spanish and Latin American Studies

### SPAN1611

#### Spanish Level 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 1, Summer Main, Winter Main **Classes:** One 1 hour lecture, one 2 hour tutorial and one 1 hour tutorial. **Prohibitions:** Not to be taken by students with prior knowledge of Spanish. **Assessment:** 3 short language tests equivalent to 300 words each (20%), oral class tasks equivalent to 300 words (10%), 2 hour final exam (40%), in-class essay of 500 words (10%), multiple choice test (10%), tutorial participation and WebCT tasks (10%).

*Note: Students who have already studied Spanish at HSC level, or who have equivalent knowledge, may not take SPAN1611. Students should contact the department, which will determine the appropriate level of enrolment.*

This unit of study is for absolute beginners or for students who have no substantial prior knowledge of Spanish. It focuses on the basic vocabulary and grammar necessary to introduce and talk about yourself and other people, and communicate successfully in simple everyday situations, both by speaking and in writing. It also provides an overview of the history, society and culture of the Spanish-speaking countries.

### SPAN1612

#### Spanish Level 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 2, Summer Late **Classes:** One 1 hour lecture, one 2 hour tutorial and one 1 hour tutorial. **Prerequisites:** SPAN1611 or SPAN1601, or equivalent knowledge of Spanish **Prohibitions:** SPAN1002, SPAN1602 **Assessment:** 3 short language tests equivalent to 300 words each (20%), oral class tasks equivalent to 300 words (10%), 2 hour final exam (40%), in-class essay of 500 words (10%), multiple choice test (10%), tutorial participation and WebCT tasks (10%).

*Note: Students who have already studied Spanish at HSC level, or who have equivalent knowledge, may not take SPAN1612. Students should contact the department, which will determine the appropriate level of enrolment.*

This unit of study builds on the skills acquired in SPAN1611. It continues to focus on everyday communication but introduces students to more complex grammatical structures such as the past tenses. It also continues our exploration of the history, society and culture of the Spanish-speaking countries.

### SPAN1801

#### Spanish Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### SPAN1802

#### Spanish Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### SPAN2611

#### Spanish Level 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 1 **Classes:** One 1 hour and one 2 hour language class per week. **Prerequisites:** SPAN1002 or SPAN1602 or SPAN1612 or 65% in HSC Spanish Beginners **Prohibitions:** SPAN2001, SPAN2601, HSC Spanish Continuers Minimum Mark 70%. **Assessment:** 4 short tests 400 words each (30%), 5 minute oral presentation in Spanish (10%), 2 hour exam (50%), tutorial participation and web based tasks (10%).

This unit builds on the basic language skills acquired in SPAN1611 and 1612 or HSC Beginners Spanish. It will introduce you to more complex grammatical structures and expand your vocabulary so that you are able to communicate both in writing and speech in a wider

variety of situations than you could previously. Activities used in the classroom will be designed to allow you to further explore the culture and history of the Spanish-speaking world as well as improving your Spanish.

### SPAN2612

#### Spanish Level 4

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 2 **Classes:** One 1 hour and one 2 hour language class per week. **Prerequisites:** SPAN2611 or SPAN2601 **Prohibitions:** SPAN2002, SPAN2602, HSC Spanish Continuers Minimum Mark 70%. **Assessment:** 4 short tests 400 words each (30%), 5 minute oral presentation in Spanish (10%), 2 hour exam (50%), tutorial participation and web based tasks (10%).

This unit builds on the language skills acquired in SPAN2611. It introduces you to more complex grammatical structures, and expands your vocabulary so that you are able to communicate both in writing and speech in a wider variety of situations, including some more formal or academic uses of the language. Activities used in the classroom are designed to allow you to further explore the culture and history of the Spanish-speaking world as well as improving your Spanish.

### SPAN2613

#### Spanish Level 5

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 1 **Classes:** One 1 hour and one 2 hour language class per week. **Prerequisites:** SPAN2612 or SPAN2602, or HSC Spanish Continuers Minimum 70%. **Prohibitions:** SPAN3601 or SPAN3602 **Assessment:** 30 minute listening test (15%), language portfolio equivalent to 2000 words (35%), 2 hour exam (45%), class participation (5%).

This unit builds on the language skills acquired in SPAN2612 or HSC Continuers Spanish. It will consolidate your previous knowledge of Spanish and extend it into more complex areas of grammar, vocabulary and expression, so that you are able to communicate in a wide variety of formal and informal situations. Activities used in the classroom are designed to allow you to further explore the culture and history of the Spanish-speaking world as well as improving your Spanish.

### SPAN2614

#### Spanish Level 6

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 2 **Classes:** One 1 hour and one 2 hour language class per week. **Prerequisites:** SPAN2613 or SPAN2602 or equivalent knowledge of Spanish. **Prohibitions:** SPAN3601 or SPAN3602 **Assessment:** 10-15 minute oral test (15%), language portfolio equivalent to 2000 words (35%), 2 hour exam (45%), class participation (5%).

This unit builds on the language skills acquired in SPAN2613. By the end of this unit, you should be a competent and independent user of spoken and written Spanish in most general situations. Activities used in the classroom are designed to allow you to further explore the culture and history of the Spanish-speaking world as well as improving your Spanish.

### SPAN2621

#### Spanish Culture 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Anne Walsh **Session:** Semester 1 **Classes:** One 2 hour seminar per week **Prerequisites:** SPAN2601 or SPAN2611 or equivalent language knowledge. **Assessment:** 3000 word essay, oral presentation (equivalent to 1500 words), short written tasks (equivalent to 1500 words).

This unit, taught in Spanish, presents students with a variety of texts of mainstream Spanish literature and film, discussing major cultural trends in the context of the history of Spain in the twentieth century.

### SPAN2622

#### Latin American Culture 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Vek Lewis **Session:** Semester 2 **Classes:** One 2 hour seminar per week **Prerequisites:** SPAN2601 or SPAN2611 or equivalent language knowledge. **Assessment:** 3000 word essay, oral presentation (equivalent to 1500 words), short written tasks (equivalent to 1500 words).

This unit, taught in Spanish, presents students with a variety of Latin American texts from modern and contemporary popular culture.

Students are exposed to a range of different traditions and approaches to reading popular forms in the context of the history and culture of Latin America.

### SPAN2631

#### Cultural and Social Change in Spain

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 1 **Classes:** One 1 hour lecture and one 1 hour seminar per week **Prerequisites:** 12 junior credit points **Assessment:** In-class oral presentation in a small group (equivalent to 1000 words), individual written memorandum on research for the presentation (1000 words, to be submitted at the time of the presentation), mid-semester in-class test (1000 words), researched essay (3000 words) to be handed in at the end of the course.

Spanish society has changed dramatically over the last half century. The restrictions on personal freedoms that were part of the Franco regime have been lifted to reveal a liberal, tolerant European society that nevertheless still shows some elements of its conservative heritage. This unit (taught in English) explores contemporary Spanish society and culture to show the reasons for the changes, and their effects. The areas under discussion will be family, sexuality and gender; class, money and consumerism; and mass/popular culture.

### SPAN2641

#### Filmmaking in the Latin American Context

**Credit points:** 6 **Teacher/Coordinator:** Dr Fernanda Peñaloza **Session:** Semester 1 **Classes:** One 2 hour seminar per week **Prerequisites:** 18 Part A junior credit points. **Assessment:** Research journal 1500 words (30%), one 10 minute oral presentation (15%), one 2500 word essay (40%), one academic article review (10%), class participation (5%).

This unit will introduce you to Latin American film studies, comprising history, theory and criticism through the exploration of 'national' cinema industries. We will examine the history of film production of Mexico, Argentina, Chile and Brazil, looking at the cultural and socio-political context in which filmmaking should be placed. Apart from tracing the history of film production in such countries, we will be focusing on recent developments in this field from the 1990's to the present day.

### SPAN3611

#### Spanish Level 7

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 1 **Classes:** One 1 hour and one 2 hour language class per week. **Prerequisites:** SPAN2614 or equivalent knowledge of Spanish. **Prohibitions:** SPAN3601 **Assessment:** 5 minute oral presentation (15%), language portfolio equivalent to 2000 words (35%), exam equivalent to 2000 words (45%), class participation (5%).

This unit is for students who wish to extend their knowledge of Spanish beyond the level of general competence achieved in SPAN2614. It focuses on the use of Spanish in a variety of formal and informal contexts, using authentic materials in order to help you deepen and perfect your Spanish. Class discussion and written tasks will allow you to improve your oral and written competence in Spanish as well as your analytical and communication skills.

### SPAN3612

#### Spanish Level 8

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Cramer **Session:** Semester 2 **Classes:** One 1 hour and one 2 hour language class per week. **Prerequisites:** SPAN3611 or SPAN3601 or equivalent knowledge of Spanish. **Prohibitions:** SPAN3602 **Assessment:** 10-15 minute oral test (15%), language portfolio equivalent to 2000 words (35%), 2 hour exam (45%), class participation (5%).

This unit is for students who wish to extend their knowledge of Spanish to an advanced level of proficiency in all kinds of communicative situations. It focuses on the use of Spanish in a variety of formal and informal contexts, using authentic materials in order to help you deepen and perfect your Spanish. Class discussion and written tasks will allow you to improve your oral and written competence in Spanish as well as your analytical and communication skills.

### SPAN3621

#### Latin American Film and Literature

**Credit points:** 6 **Teacher/Coordinator:** Dr Fernanda Peñaloza **Session:** Semester 1 **Classes:** One 2 hour seminar per week **Prerequisites:** SPAN2602

or SPAN2612 or equivalent language knowledge. **Prohibitions:** SPAN3006  
**Assessment:** Short written tasks (1500 words), in-class presentation (equivalent to 1500 words), final 3000 word essay.

In this unit (taught in Spanish) students are exposed to a range of literary and filmic works from Latin America. The unit examines how these two modes of cultural production have interacted and reshaped one another. Literary narratives have changed formally, stylistically and thematically due to the influence of several genres of Mexican, Brazilian and Argentinean cinema, as well as those of Hollywood and European cinema. The unit provides grounding in literary and film theory and familiarises students with debates around industry, audience reception and reading codes.

### SPAN3622 Introduction to Spanish Translation

**Credit points:** 6 **Teacher/Coordinator:** Dr Anne Walsh **Session:** Semester 2  
**Classes:** One 2 hour seminar per week **Prerequisites:** SPAN3601 or SPAN2613 or equivalent language knowledge. **Assessment:** Translation tasks (equivalent to 2000 words), group work in class, presentation and research paper (equivalent to 1500 words), translation analysis (1500 words), final in-class test (equivalent to 1000 words).

This unit presents an introduction to various aspects of translation and provides practical work in both English and Spanish, translating from a wide range of materials. It will explore modes, techniques and genres in a variety of texts.

### SPAN3623 Argentina for Export

**Credit points:** 6 **Teacher/Coordinator:** Dr Fernanda Peñaloza **Session:** Semester 2  
**Classes:** One 1 hour lecture and one 1 hour tutorial per week  
**Prerequisites:** SPAN2602 or SPAN2612 or equivalent language knowledge.  
**Assessment:** Essay (3000 words), research journal (1500 words), group presentation written plan (500 words), 10 minute group presentation (equivalent to 1000 words).

This unit (taught in Spanish) explores the images associated with figures such as Eva Perón and Ernesto Che Guevara, the musical genre of tango and the seemingly boundless landscape of Patagonia. We will focus on the way in which different cultural elements frequently perceived as part of Argentina's cultural history have been created, appropriated and commodified within and beyond the country's national boundaries, giving special attention to globalisation as a framework for approaching the relationship between identity representation and commodification.

### SPAN3811 Spanish Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Crameri **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### SPAN3812 Spanish Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Crameri **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### SPAN3813 Spanish Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Crameri **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### SPAN3814 Spanish Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Crameri **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### SPAN3815 Spanish Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Crameri **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### SPAN3816 Spanish Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Crameri **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### SPAN3817 Spanish Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Crameri **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### SPAN3818 Spanish Studies Exchange

**Credit points:** 6 **Teacher/Coordinator:** Dr Kathryn Crameri **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

### SPAN4011 Spanish & Latin American Studies Hons A

**Credit points:** 12 **Teacher/Coordinator:** Dr Vek Lewis **Session:** Semester 1, Semester 2  
**Classes:** Two seminars that meet weekly for two hours each, one in each semester. **Prerequisites:** 48 senior credit points in Spanish and Latin American Studies with at least a Credit average. At least 24 credit points must be in language units of study. **Assessment:** A thesis of 15000-18000 words in length and 7000-8000 words of written work or its equivalent for each seminar.

*Note: Department permission required for enrolment.*

The Honours program in Spanish and Latin American Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester.

The thesis should be of 15000-18000 words in length. Each seminar requires 7000-8000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.

Students may choose seminars according to their needs, however, the following pathway model of two seminar courses are on offer in 2010:

Cultural Studies in Hispanophone Contexts, Semester 1 (Dr Anne Walsh, Dr Kathryn Crameri and Dr Fernanda Peñaloza) AND Citizenship and Belonging in Latino USA, Semester 2 (Dr Vek Lewis)  
 Cultures and Languages of Spain, Semester 1 (Dr Kathryn Crameri) AND

Critical Theory and Methodologies, Semester 2 (Dr Vek Lewis and Dr Kathryn Crameri)

For more information, contact Dr Vek Lewis, Honours coordinator.

### SPAN4012 Spanish & Latin American Studies Hons B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** SPAN4011

Please refer to SPAN4011

### SPAN4013 Spanish & Latin American Studies Hons C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** SPAN4012

Please refer to SPAN4011

### SPAN4014 Spanish & Latin American Studies Hons D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** SPAN4013

Please refer to SPAN4011



## Writing (No major available)

### WRIT1001

#### Academic English

**Credit points:** 6 **Teacher/Coordinator:** Prof. W Foley **Session:** Semester 1, Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** Upon registration for this unit students will be directed to an online diagnostic exercise. **Assessment:** 10 x short written assignments of 200 words each, one oral presentation, and one 1500 word essay.

The persuasive power of the English language emerges from its richness and variation. This unit teaches students to recognize these complexities as resources for the creative construction of meaning. Students will learn to communicate effectively and clearly in oral and written mediums and critically appraise the variable forms of English in regional, gender and cultural groups. In addition to lectures and tutorials, students will engage with variations in the English language through film, television, technology and music.

#### Textbooks

Alfano, C. and O'Brien, A. 2008. *Envision*. Second edition. New York: Pearson Longman

### WRIT1002

#### Academic Writing

**Credit points:** 6 **Teacher/Coordinator:** Dr R Johnke **Session:** Semester 1, Winter Main **Classes:** One 1 hour lecture and one 1 hour tutorial per week. **Prerequisites:** This unit is available to all enrolled students and across all faculties. There are no specific prerequisites but students will be required to complete a diagnostic exercise in their first tutorial. Students in this unit are assumed to have native or near native competence in written English. Students who do not have this competence would benefit from completing WRIT1001 before enrolling in WRIT1002 but WRIT1001 is NOT a pre-requisite for WRIT1002. **Assessment:** One 1500 word annotated bibliography and essay outline, one 1500 word essay + 250-word critical reflection, one in-class test, and online discussion postings.

This unit, taught by the Department of English, introduces students to rhetorical studies and communication theory. It is designed to improve writing at all undergraduate levels in a variety of formats across a range of disciplines. It teaches students to construct persuasive arguments that are logical, ethical and engaging. Students are encouraged to think critically about the production and reception of a variety of texts and to view writing as a process involving research, drafting, revising, editing and collaboration.

#### Textbooks

The Essentials of Academic Writing, Derek Soles  
A Course reader available for purchase from the University Copy Centre

## Yiddish (No guarantee of continuing availability)

### YDDH1101

#### Yiddish 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Dowling **Session:** Semester 1 **Classes:** 4 hours per week **Assessment:** 2 hour final exam (60%), written work (homework and quizzes) (20%), continuous assessment, preparation and participation (20%).

This unit introduces students to Yiddish through a study of its grammar, as well as exercises in conversation and reading. In addition, discussions on the history, linguistics and dialectology of Yiddish will be given in order to prepare students for readings at the senior level.

### YDDH1102

#### Yiddish 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Dowling **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** YDDH1101 or permission from the department **Assessment:** 2 hour final exam (60%), written work (homework and quizzes) (20%), continuous assessment, preparation and participation (20%).

This unit further develops the study of Yiddish language, building upon the foundations set in YDDH1101. Students continue to learn grammar and vocabulary, through exercises in conversation and reading. As with YDDH1101, discussions on history as well as Yiddish culture and

literature will be given in order to prepare students for readings at the senior level.

### YDDH2603

#### Yiddish 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Dowling **Session:** Semester 1 **Classes:** 4 hours per week **Prerequisites:** YDDH1102 or permission from the department **Prohibitions:** YDDH2103, YDDH2104 **Assessment:** 2 hour exam (50%), written work (homework and quizzes) (30%), continuous assessment, participation and preparation (20%).

This unit will continue to develop the language foundations built in Yiddish 1 and 2. The unit will focus upon conversation and composition, and includes the reading of selected texts from modern Yiddish literature, as well an introduction to various media sources. The unit consists of: practical language skills including conversation, composition and comprehension exercises (3 hours per week) and readings from modern literature (1 hour per week).

#### Textbooks

Recommended:  
Weinreich, Uriel, *Modern English-Yiddish/Yiddish-English Dictionary*. NY:Schocken

### YDDH2604

#### Yiddish 4

**Credit points:** 6 **Teacher/Coordinator:** Dr Dowling **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** YDDH2103 or YDDH2603 **Prohibitions:** YDDH2104 **Assessment:** 2 hour exam (50%), written work (homework and quizzes) (30%), continuous assessment, participation and preparation (20%).

This unit continues the program outlined in Yiddish 3: conversation, composition, readings from Yiddish literature, as well as discussion of material gleaned from various media sources. As with other senior Yiddish units, Yiddish 4 consists of practical language skills (3 hours per week) and readings from modern literature (1 hour per week).

#### Textbooks

Recommended:  
Weinreich, Uriel, *Modern English-Yiddish/Yiddish-English Dictionary*. NY:Schocken

### YDDH3605

#### Yiddish 5

**Credit points:** 6 **Teacher/Coordinator:** Dr Dowling **Session:** Semester 1 **Classes:** 4 hours per week **Prerequisites:** YDDH2104 or YDDH2604 **Prohibitions:** YDDH3105, YDDH3106 **Assessment:** 2 hour exam (50%), written work (homework and quizzes) (30%), continuous assessment, participation and preparation (20%).

This unit is designed to strengthen the language foundations built in Yiddish 3 and 4. The unit will continue to focus upon conversation and composition, and includes a reading of selected texts from Yiddish literature, as well as discussion of topics presented in various media sources; each semester's emphasis will vary. The unit of study consists of: practical language skills including conversation, composition and comprehension exercises (3 hours per week) and readings from modern literature (1 hour per week).

#### Textbooks

Recommended:  
Weinreich, Uriel, *Modern English-Yiddish/Yiddish-English Dictionary*. NY:Schocken. Or  
Harkavy, Alexander, *Yiddish-English-Hebrew Dictionary*. NY:Schocken, 1988

### YDDH3606

#### Yiddish 6

**Credit points:** 6 **Teacher/Coordinator:** Dr Dowling **Session:** Semester 2 **Classes:** 4 hours per week **Prerequisites:** YDDH3605 or YDDH3105 **Prohibitions:** YDDH3106 **Assessment:** 2 hour exam (50%), written work (homework and quizzes) (30%) and continuous assessment, participation and preparation (20%).

This unit focuses on the developing proficiency of the student. Discussion around current events, historical enquiry and linguistic issues (historical and dialectology) will augment the unit's textual studies. As with other senior Yiddish units, Yiddish 6 consists of: practical language skills including conversation, composition and

## 5. Arts units of study

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comprehension (3 hours per week) and readings from modern literature (1 hour per week).

*Textbooks*

Recommended:  
Weinreich, Uriel, Modern English-Yiddish/Yiddish-English Dictionary. NY:Schocken. Or  
Harkavy, Alexander, Yiddish-English-Hebrew Dictionary. NY:Schocken, 1988

Table A

<i>Unit of study</i>	<i>Credit points</i>	<i>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</i>	<i>Session</i>
<b>American Studies</b>			
AMST2601 American Foundations	6	P 12 junior level credit points in the departments of English, and/or History and/or Art History and Film, in the Faculty of Arts <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1 Semester 2
AMST2801 American Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
AMST2802 American Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
AMST2803 American Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
AMST2804 American Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
AMST2805 American Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
AMST2806 American Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
USSC1010 America: Rebels, Heroes & Renegades	6	<i>This unit is available to year 11 students only.</i>	Semester 1 Semester 2 Summer Main
USSC2601 US in the World	6	P 18 junior credit points	Semester 2
USSC2602 Introduction to US Politics	6	P 18 junior credit points from Table A	Semester 1
<b>Ancient History</b>			
ANHS1600 Foundations for Ancient Greece	6	N ANHS1003	Semester 1 Winter Main
ANHS1601 Foundations for Ancient Rome	6	N ANHS1004, ANHS1005	Semester 2
ANHS1602 Greek and Roman Myth	6	N CLCV1001	Semester 1
ANHS1801 Ancient History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANHS2607 Rome 90 BC-AD 14: Making a World City	6	P 12 junior credit points of Ancient History or History OR 6 junior credit points of Ancient History and 6 junior credit points of either Classical Studies, Latin, Greek (Ancient), or Archaeology N ANHS2007 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
ANHS2608 The World Turned Upside Down	6	P 12 junior credit points of Ancient History or History or Asian Studies OR 6 junior credit points of Ancient History or History or Asian Studies and 6 junior credit points of either Classical Studies, Latin, Greek (Ancient), or Archaeology N HSTY2024	Semester 2
ANHS2612 Historiography Ancient and Modern	6	P 12 junior credit points of Ancient History or History or Asian Studies OR 6 junior credit points of Ancient History or History or Asian Studies and 6 junior credit points of either Classical Studies, Latin, Greek (Ancient), or Archaeology N ANHS2691, ANHS2692 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1 Summer Main
ANHS2613 Ancient Greece and Rome on Film	6	P 12 junior credit points of Ancient History, Classical Studies, Ancient Greek or History OR 6 junior credit points of Ancient History and 6 junior credit points of either Latin, Greek (Ancient), Classical Studies, History, Philosophy, Archaeology (Classical) or Archaeology (Near Eastern) <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 2
ANHS2614 The Emperor in the Roman World 14-117 AD	6	P 12 junior credit points of Ancient History, Classical Studies, Ancient Greek or History OR 6 junior credit points of Ancient History and 6 junior credit points of either Latin, Greek (Ancient), Classical Studies, History, Philosophy, Archaeology (Classical) or Archaeology (Near Eastern) <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
ANHS2804 Ancient History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANHS2805 Ancient History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANHS2806 Ancient History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANHS2810 Ancient History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANHS2811 Ancient History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANHS3609 Herodotus and His World	6	P 12 junior credit points of Ancient History, Classical Studies, Ancient Greek or History OR 6 junior credit points of Ancient History and 6 junior credit points of either Latin, Greek (Ancient), History, or Archaeology	Semester 2
ANHS4011 Ancient History Honours A	12	P Credit average in 48 credit points of senior Ancient History including ANHS2612 (or equivalent) <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
ANHS4012 Ancient History Honours B	12	P Refer to ANHS4011 C ANHS4011	Semester 1 Semester 2
ANHS4013 Ancient History Honours C	12	P Refer to ANHS4011 C ANHS4012	Semester 1 Semester 2
ANHS4014 Ancient History Honours D	12	P Refer to ANHS4011 C ANHS4013	Semester 1 Semester 2
<b>Anthropology</b>			
ANTH1001 Cultural Difference: An Introduction	6	N ANTH1003	Semester 1 Summer Late
ANTH1002 Anthropology and the Global	6	N ANTH1004	Semester 2
ANTH1801 Social Anthropology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANTH1802 Social Anthropology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANTH2601 The Ethnography of Southeast Asia	6	P 12 Junior credit points of Anthropology	Semester 1
ANTH2605 Aboriginal Australia: Cultural Journeys	6	P 12 Junior credit points of Anthropology N ANTH2010, ANTH2025	Semester 1
ANTH2621 Initiation Rituals	6	P 12 Junior credit points of Anthropology N ANTH2021	Semester 2
ANTH2623 Gender: Anthropological Studies	6	P 12 junior credit points of Anthropology N ANTH2020, ANTH2023	Semester 1 Summer Late
ANTH2625 Culture and Development	6	P 12 Junior credit points of Anthropology	Semester 1
ANTH2626 The City: Global Flows and Local Forms	6	P 12 Junior credit points of Anthropology N ANTH2026	Semester 2
ANTH2627 Medical Anthropology	6	P 12 Junior credit points of Anthropology N ANTH2027	Semester 2
ANTH2628 Migration and Migrant Cultures	6	P 12 Junior credit points of Anthropology N ANTH2120, ANTH2121	Semester 1
ANTH2629 Race and Ethnic Relations	6	P 12 Junior credit points of Anthropology N ANTH2117	Semester 2
ANTH2631 Being There: Method in Anthropology	6	P 12 Junior credit points of Anthropology	Semester 2
ANTH2653 Economy and Culture	6	P 12 junior credit points of Anthropology	Semester 2
ANTH2655 The Social Production of Space	6	P 12 junior credit points in Anthropology. N ANTH3911	Semester 2
ANTH2804 Social Anthropology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANTH2805 Social Anthropology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANTH2806 Social Anthropology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANTH2810 Social Anthropology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANTH2811 Social Anthropology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANTH3601 Contemporary Theory and Anthropology	6	P 12 credit points of Senior Anthropology at Credit level or above N ANTH3921, ANTH3922	Semester 1
ANTH3602 Reading Ethnography	6	P 12 Credit Points of Senior Anthropology completed at Credit level or above N ANTH3611, ANTH3612, ANTH3613, ANTH3614 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
ANTH4011 Social Anthropology Honours A	12	P Students must have a Credit average in Senior level Anthropology units totalling at least 48 credit points. Units must include ANTH3601 and at least one of the following: ANTH3602, ANTH3611, ANTH3613 or ANTH3614. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ANTH4012 Social Anthropology Honours B	12	C ANTH4011	Semester 1 Semester 2
ANTH4013 Social Anthropology Honours C	12	C ANTH4012	Semester 1 Semester 2
ANTH4014 Social Anthropology Honours D	12	C ANTH4013	Semester 1 Semester 2
<b>Arabic Language, Literature and Culture</b>			
ARBC1611 Arabic Introductory 1B	6	N ARBC1311, ARBC1312, ARBC1101, ARBC1102	Semester 1
ARBC1612 Arabic Introductory 2B	6	P ARBC1101 or ARBC1611 or equivalent N ARBC1311, ARBC1312, ARBC1102	Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
ARBC2613 Arabic Language and Literature 3B	6	P ARBC1102 or ARBC1612 or equivalent N ARBC1311, ARBC1312, ARBC2633, ARBC2634, ARBC2103	Semester 1
ARBC2614 Arabic Language and Literature 4B	6	P ARBC2103 or ARBC2613 or equivalent N ARBC2104, ARBC1311, ARBC1312, ARBC2313, ARBC2314, ARBC2633, ARBC2634, ARBC3635, ARBC3636, ARBC3637, ARBC3638	Semester 2
ARBC2633 Arabic Advanced Language & Literature 3A	6	P HSC Arabic Extension or Arabic Continuers or 70% or above in Arabic Beginners (subject to placement test) or equivalent N ARBC1311	Semester 1
ARBC2634 Arabic Advanced Language & Literature 4A	6	P ARBC1311 or ARBC2633 N ARBC1312, ARBC1101, ARBC1102, ARBC1611, ARBC1612	Semester 2
ARBC2811 Arabic Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARBC2812 Arabic Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARBC2813 Arabic Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARBC2814 Arabic Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARBC3615 Arabic Language and Literature 5B	6	P ARBC2104 or ARBC2614 or equivalent N ARBC2105, ARBC1311, ARBC1312, ARBC2313, ARBC2314, ARBC2315, ARBC2316, ARBC2633, ARBC2634, ARBC3635, ARBC3636, ARBC3637, ARBC3638	Semester 1
ARBC3616 Arabic Language and Literature 6B	6	P ARBC2105 or ARBC3615 or equivalent N ARBC2106, ARBC1311, ARBC1312, ARBC2313, ARBC2314, ARBC2315, ARBC2316, ARBC2633, ARBC2634, ARBC3635, ARBC3636, ARBC3637, ARBC3638	Semester 2
ARBC3635 Arabic Advanced Translation & Writing 5A	6	P ARBC1312 or ARBC2633 or equivalent N ARBC2313, ARBC1101, ARBC1102, ARBC1611, ARBC1612	Semester 1
ARBC3636 Arabic Advanced for Media Studies 6A	6	P ARBC1311 or ARBC2633 or equivalent N ARBC1101, ARBC1102, ARBC1611, ARBC1612, ARBC2314	Semester 2
ARBC3637 Arabic Advanced Translation & Writing 7A	6	P ARBC1312 or ARBC2634 N ARBC2315, ARBC1101, ARBC1102, ARBC1611, ARBC1612	Semester 1
ARBC3638 Arabic Advanced for Media Studies 8A	6	P ARBC1311 or ARBC2633 N ARBC2316, ARBC1101, ARBC1102, ARBC1611, ARBC1612	Semester 2
<b>Arab World, Islam and The Middle East</b>			
ARIS1671 Arabs, Islam & Middle East: Introduction	6		Semester 1
ARIS1672 Arab-Islamic Civilisation: Introduction	6	P ARIS1001 or ARIS1671	Semester 2
ARIS2801 Arab World Islam & Middle East Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARIS2802 Arab World Islam & Middle East Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARIS2803 Arab World Islam & Middle East Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARIS2804 Arab World Islam & Middle East Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARIS2805 Arab World Islam & Middle East Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARIS2806 Arab World Islam & Middle East Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARIS3675 Society and Politics in the Middle East	6	P ARIS1001 or ARIS1671 or equivalent N ARIS2005 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
ARIS3676 Issues and Debates in Arab Culture Today	6	P ARIS1001 or ARIS1671 or equivalent N ARIS2006 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 2
ARIS3680 Approaches to Arabic and Islamic Studies	6	P Credit in ARIS2673 or ARIS3675 or ARIS2003 or ARIS2005, and credit in ARBC2613 or ARBC3635 or ARBC2103 or ARBC2313	Semester 2
ARIS4011 Arabic and Islamic Studies Honours A	12	P A total of 48 credit points in a combination of ARBC and ARIS senior units, with at least a Credit average. These include the 36 credit points of the major in Arabic and Islamic Studies, plus two more senior units, (including the special entry unit, ARIS3680 Approaches to Arabic and Islamic Studies). <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
ARIS4012 Arabic and Islamic Studies Honours B	12	C ARIS4011	Semester 1 Semester 2
ARIS4013 Arabic and Islamic Studies Honours C	12	C ARIS4012	Semester 1 Semester 2
ARIS4014 Arabic and Islamic Studies Honours D	12	C ARIS4013	Semester 1 Semester 2
<b>Archaeology</b>			
ARCA1001 Ancient Civilisations	6		Semester 1 Summer Late
ARCA1002 Archaeology: An Introduction	6	N ARPH1001	Semester 2
ARCA2602 Field Methods	6	P 12 junior credit points of Archaeology N ARPH3921	Semester 1
ARCA2603 Archaeology of Sydney	6	P 12 junior credit points of Archaeology	Semester 1
ARCA2605 Archaeology of Aboriginal Australia	6	P 12 junior credit points of Archaeology N ARPH2607	Semester 2
ARCA2607 Digital Methods	6	P 12 junior credit points of Archaeology N ARPH3690	Semester 2
ARCA2611 Ancient Mediterranean Lives	6	P 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies	Semester 2
ARCA2613 Athenian Art, Architecture and Society	6	P 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies N ARCL2601	Semester 1 Summer Main
ARCA2615 Etruscans and Romans	6	P 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies	Semester 1
ARCA2616 Early East and Southeast Asian Cultures	6	P 12 junior credit points of Archaeology	Semester 1
ARCA2801 Archaeology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARCA2802 Archaeology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARCA2803 Archaeology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARCA2804 Archaeology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARCA2805 Archaeology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARCA2806 Archaeology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARCA2807 Archaeology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARCA2808 Archaeology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARCA3601 Research in Australasian Archaeology	6	P Credit average in 24 senior credit point of Archaeology	Semester 2
ARCA3603 Ionia and the East Greek World	6	P Credit results in two of ARCA2610, ARCA2612 and ARCA2615	Semester 2

Unit of study	Credit points	A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition	Session
<b>ARCA4011 Archaeology Honours A</b>	12	<b>P</b> Credit average or better in 48 senior credit points in Archaeology (including cross-listed units for students doing Honours in Heritage Studies topics (see separate Heritage Studies entry). The following information is for Honours entry for 2010. Students who intend to specialise in Classical Archaeology at Honours should normally have obtained (a) credit or better result in ARCA3600, (b) credit or better result in ARCA3602 or ARCA 3603 or ARCA 3604 (or equivalent), (c) credit or better average results in ARCA 2610 and ARCA2612 and ARCA2615 (or equivalent), (d) credit average results in any three other senior Archaeology or Heritage Studies units (including those in the list above and senior Archaeology exchange units), and (e) HSC 2-unit or equivalent knowledge of at least one of the following languages: French, German, Italian and Modern Greek. Students who intend to specialise in Near Eastern and/or West Asian Archaeology at Honours should normally have obtained (a) credit or better results in ARCA3600, (b) credit or better results in ARNE2691 and ARNE3691, and (c) credit average results in 5 additional senior units of Archaeology including at least 2 of the following: ARCA2604; ARCA2608; ARCA2609; ARNE2601; ARNE2602; ARNE2606; ARNE2607. Students who intend to specialise at Honours in other regional archaeology (e.g. Australia, Asia, Pacific), Heritage Studies or a thematic topic should normally have obtained (a) credit or better results in ARCA3600, (b) credit or better results in at least two of the following hands-on practical units ARPH2602, ARCA2601, ARCA2602, ARCA2606, ARCA2607, ARCA2617 (or equivalent), (c) credit or better results in at least three of the following ARPH2603, ARPH2612, ARPH 2616, ARCA2603, ARCA2605, ARCA2616 (or equivalent), and (c) credit average results in any two other senior Archaeology or Heritage Studies units (including those listed above and senior Archaeology exchange units). The Department will only approve Honours research topics which are considered appropriate to the content of senior units of study obtained by the student. ARCA3600 will not be offered in 2010. For 2011 Honours entry students should complete at least one subject specific pre-Honours unit of study and gain credit results or better: ARCA3602, 3603 or 3604 for Classical Archaeology; ARNE3691 (or equivalent) for Near Eastern and/or West Asian Archaeology; ARCA3601 (or equivalent) for all other Honours topics (e.g. Australian, Asian, Pacific, Heritage Studies or other thematic research). These exact pre-requisites will be waived where students are unable to meet the new requirements due to curriculum changes. For Classical Archaeology at Honours students should also have obtained HSC 2-unit or equivalent knowledge of at least one of the following languages: French, German, Italian and Modern Greek. 2011 Honours pre-requisites are listed here for general guidance only. Exact pre-requisites will be advised in 2010. Please contact relevant Department staff for advice and assistance. All students with credit or above results are encouraged to apply for Honours. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARCA4012 Archaeology Honours B</b>	12	<b>P</b> Refer to ARCA4011 <b>C</b> ARCA4011	Semester 1 Semester 2
<b>ARCA4013 Archaeology Honours C</b>	12	<b>P</b> Refer to ARCA4011 <b>C</b> ARCA4012	Semester 1 Semester 2
<b>ARCA4014 Archaeology Honours D</b>	12	<b>P</b> Refer to ARCA4011 <b>C</b> ARCA4013	Semester 1 Semester 2
<b>Archaeology (Classical)</b>			
<b>ARCL1801 Archaeology (Classical) Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARCL2605 The Archaeology of the Roman East</b>	6	<b>P</b> 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies	Semester 1
<b>ARCL2804 Archaeology (Classical) Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARCL2805 Archaeology (Classical) Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARCL2806 Archaeology (Classical) Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARCL2810 Archaeology (Classical) Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARCL2811 Archaeology (Classical) Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARCL4011 Archaeology (Classical) Honours A</b>	12	<b>P</b> (a) Credit results in ARCL2600 Special Topics in Classical Athens and ARCL3691 Research Issues in Classical Archaeology (or equivalent); (b) Credit average in two of the following units: ARCL 2601 (The World of Classical Athens), ARCL 2602 (Cities and Sanctuaries), ARCL 2603 (The Archaeology of Pre-Roman Italy), ARCL 2604 (Aegean Prehistory [ca. 3000-1100 BC]), ARCL 2605 (The Archaeology of the Roman East) (or equivalent); (c) Credit average in any two other Senior Archaeology or Heritage Studies units (including those in the list above and senior Archaeology exchange units); (d) HSC 2-unit or equivalent knowledge of at least one of the following languages: French, German, Italian and Modern Greek. <i>Note: Department permission required for enrolment</i> <i>All intending Honours students should complete ARCA3600 Archaeological Research Principles.</i>	Semester 1 Semester 2
<b>ARCL4012 Archaeology (Classical) Honours B</b>	12	<b>C</b> ARCL4011	Semester 1 Semester 2
<b>ARCL4013 Archaeology (Classical) Honours C</b>	12	<b>C</b> ARCL4012	Semester 1 Semester 2
<b>ARCL4014 Archaeology (Classical) Honours D</b>	12	<b>C</b> ARCL4013	Semester 1 Semester 2
<b>Archaeology (Near Eastern)</b>			
<b>ARNE1801 Archaeology (Near Eastern) Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARNE2601 Egyptian Archaeology</b>	6	<b>P</b> 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies <b>N</b> ARNE2010	Semester 1 Winter Main
<b>ARNE2602 Ancient Mesopotamia</b>	6	<b>P</b> 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies	Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
ARNE2804 Archaeology (Near Eastern) Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARNE2805 Archaeology (Near Eastern) Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARNE2806 Archaeology (Near Eastern) Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARNE2810 Archaeology (Near Eastern) Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARNE2811 Archaeology (Near Eastern) Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARNE3691 Special Topics in West Asian Archaeology	6	<b>P</b> Credit average in 24 senior credit points of Archaeology <b>N</b> ARNE3901 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
ARNE4011 Archaeology (Near Eastern) Honours A	12	<b>P</b> (a) Credit results in ARNE 2901/2691 (Material Culture) and ARNE 3901/3691 (Special Topics in West Asian Archaeology); (b) Credit average in two further senior units of Archaeology or Heritage Studies; (c) reading ability in a relevant modern European language (French, German, Italian). <i>Note: Department permission required for enrolment</i> <i>All intending Honours students should complete ARCA3600 Archaeological Research Principles.</i>	Semester 1 Semester 2
ARNE4012 Archaeology (Near Eastern) Honours B	12	<b>C</b> ARNE4011	Semester 1 Semester 2
ARNE4013 Archaeology (Near Eastern) Honours C	12	<b>C</b> ARNE4012	Semester 1 Semester 2
ARNE4014 Archaeology (Near Eastern) Honours D	12	<b>C</b> ARNE4013	Semester 1 Semester 2
<b>Archaeology (Prehistoric and Historical)</b>			
ARPH1801 Archaeology (Prehistoric & Historic) Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARPH2602 Scientific Analysis of Materials	6	<b>P</b> 12 Junior credit points in Archaeology <b>N</b> ARPH2621	Semester 1
ARPH2603 The Archaeology of Society	6	<b>P</b> 12 Junior credit points of Archaeology <b>N</b> ARPH2003	Semester 1
ARPH2617 Analysis of Stone Technology	6	<b>P</b> 12 junior credit points of Archaeology <b>N</b> ARPH2517	Semester 2
ARPH2804 Archaeology (Prehistoric & Historic) Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARPH2805 Archaeology (Prehistoric & Historic) Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARPH2806 Archaeology (Prehistoric & Historic) Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARPH4011 Archaeology (Prehist/Historical) Hons A	12	<b>P</b> (a) Credit results in ARPH3692 (Archaeological Research Principles) and ARPH3693 (Archaeological Practice) (or equivalent); (b) Credit results in two of the following units: ARPH2614 (Archaeological Methods), ARPH2602 (Scientific Analysis of Materials), ARPH2617 (Analysis of Stone Technology), ARPH3690 (Archaeological Applications of Computing) (or equivalent); (c) Credit results in two of the following units: ARPH2006 (Australian Archaeology), ARPH2605 (The Archaeology of Modern Times), ARPH2612 (Historical Archaeology), ARPH2611 (Archaeology of Asia), ARPH2603 (The Archaeology of Society), ARPH2616 (Public Archaeology), ARHT2641 (Art & Archaeology of SE Asia) (or equivalent); (d) Credit average in any two other Senior Archaeology or Heritage Studies units (including those in the lists above). Due to curriculum review students may be admitted to Honours, at the discretion of the Department, if they have Credit results in equivalent Archaeology units previously taught but now discontinued. <i>Note: Department permission required for enrolment</i> <i>All intending Honours students should complete ARCA3600 Archaeological Research Principles.</i>	Semester 1 Semester 2
ARPH4012 Archaeology (Prehist/Historical) Hons B	12	<b>C</b> ARPH4011	Semester 1 Semester 2
ARPH4013 Archaeology (Prehist/Historical) Hons C	12	<b>C</b> ARPH4012	Semester 1 Semester 2
ARPH4014 Archaeology (Prehist/Historical) Hons D	12	<b>C</b> ARPH4013	Semester 1 Semester 2
<b>Art History</b>			
ARHT1001 Art and Experience	6		Semester 2 Summer Late



<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
ARHT1002 Modern Times: Art and Film	6		Semester 1
ARHT1801 Art History and Theory Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARHT2616 High Renaissance Art	6	<b>P</b> ARHT1001 and ARHT1002 <b>N</b> ARHT2016	Semester 2
ARHT2618 French Art, Salon to Post-Impressionism	6	<b>P</b> ARHT1001 and ARHT1002 <b>N</b> ARHT2018	Semester 1
ARHT2621 Modernism	6	<b>P</b> ARHT1001 and ARHT1002 <b>N</b> ARHT2021 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
ARHT2631 Australian Painting, Colony to Nation	6	<b>P</b> ARHT1001 and ARHT1002 <b>N</b> ARHT2031, ARHT2664	Semester 2
ARHT2641 Art and Archaeology of South East Asia	6	<b>P</b> The pre-requisites are any of ARHT1001 and ARHT1002 or ASNS1001/1601 and ASNS1002/1602 or ASNS1001/1601 and ASNS1101 or any one of ARPH1001, ARPH1002, ARPH1003 <b>N</b> ARHT2041	Semester 2 Summer Main
ARHT2645 China: Art and Empire	6	<b>P</b> ARHT1001 and ARHT1002 or ASNS1001 and ASNS1002 or ASNS1001 and ASNS1101	Semester 2
ARHT2652 From Silent to Sound Cinema	6	<b>P</b> ARHT1001 and ARHT1002 (For Art History Major) ARHT1002 or ENGL1025 (For Film Major) <b>N</b> ARHT2052 <i>Film Studies Core Unit. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
ARHT2653 Memory of the World: Film and Directors	6	<b>P</b> ARHT1001 and ARHT1002 (For Art History Major) ARHT1002 or ENGL1025 (for Film Majors) <b>N</b> ARHT2053	Semester 2
ARHT2657 Contemporary Hollywood	6	<b>P</b> ARHT1001 and ARHT1002 (For Art History Major) ARHT1002 or ENGL1025 (for Film Majors) <b>N</b> ARHT2057	Semester 1 Summer Late
ARHT2664 Special Studies: Costume and Fashion	6	<b>P</b> Credit and above in 12 Junior Credit points from any two ARHT units OR consent of Chair of Department <b>N</b> ARHT2064 <i>Note: Only one Special Studies course may be taken at senior level.</i>	Semester 1
ARHT2810 Art History and Theory Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARHT2811 Art History and Theory Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARHT2812 Art History and Theory Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARHT2813 Art History and Theory Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARHT2814 Art History and Theory Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARHT2815 Art History and Theory Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARHT2816 Art History and Theory Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARHT2817 Art History and Theory Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARHT4011 Art History and Theory Honours A	12	<b>P</b> Results of a credit average or better in 48 credit points in Art History and Film Studies senior units. If you do not have this prerequisite please contact the Honours coordinator to determine possible waiving of the prerequisite. Students may commence their study either at the beginning of the year or mid-year. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARHT4012 Art History and Theory Honours B	12	<b>C</b> ARHT4011	Semester 1 Semester 2
ARHT4013 Art History and Theory Honours C	12	<b>C</b> ARHT4012	Semester 1 Semester 2
ARHT4014 Art History and Theory Honours D	12	<b>C</b> ARHT4013	Semester 1 Semester 2
<b>Arts</b>			
(No major available)			
ARTS2600 Internship 1	6	<i>Note: Department permission required for enrolment only available to incoming Study Abroad students</i>	Semester 1 Semester 2 Summer Main
ARTS2801 Arts Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARTS2802 Arts Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARTS2803 Arts Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ARTS2804 Arts Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>Asian Studies</b>			
ASNS1601 Introduction to Asian Cultures	6		Semester 1
ASNS1602 Modernity in Asia	6		Semester 2
ASNS1801 Asian Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ASNS2618 Remaking Chinese Society, 1949-Present	6	<b>A</b> Students with no prior knowledge of modern Chinese history are encouraged to read an introductory textbook (e.g., Edwin E. Moise. <i>Modern China: A History</i> . Second edition. Longman, 1994) before the start of the semester. <b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. <b>N</b> ASNS2118 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program. The information provided here applies to the version of this unit offered in the regular semester. Appropriate adjustments are made for the Summer School version when available.</i>	Semester 2
ASNS2620 Classical Indian Philosophy	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. <b>N</b> ASNS2212	Semester 2
ASNS2626 Religious Traditions of South Asia	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. <b>N</b> RLST2003	Semester 1
ASNS2631 The Origins of Japanese Tradition	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
ASNS2641 Traditional Korea	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. <b>N</b> ASNS2501	Semester 1
ASNS2642 Modern Korea	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. <b>N</b> ASNS2502	Semester 2
ASNS2651 Asian Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ASNS2652 Asian Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ASNS2653 Asian Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ASNS2654 Asian Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ASNS2655 Asian Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ASNS2656 Asian Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ASNS2660 Islam, Trade & Society-Arabia to SE Asia	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. <b>N</b> ASNS2402	Semester 2
ASNS2661 History of Modern Indonesia	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. <b>N</b> INMS2901, ASNS2401 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
ASNS2670 Mass Media in East Asia	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. <b>N</b> KRNS2600, ASNS2600	Semester 1
ASNS2672 Japan in East Asia from 1840 until Today	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook.	Semester 1
ASNS2676 Gender and Sexuality in Modern Asia	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook.	Semester 2
ASNS2677 Beyond the Geisha/Samurai Binary	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook.	Semester 2
ASNS3618 Popular China	6	<b>P</b> 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook.	Semester 1
ASNS3690 Approaches to Research in Asian Studies	6	<b>P</b> Credit average or above in a minimum of 30 senior credit points of Asian studies or Asian language. <b>N</b> ASNS3902, JPNS3902, CHNS3902, INMS3902 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
ASNS4011 Asian Studies Honours A	12	<b>P</b> A Credit average or better in the major, plus 12 additional senior credit points, including ASNS3690 Approaches to Research in Asian Studies <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ASNS4012 Asian Studies Honours B	12	<b>C</b> ASNS4011	Semester 1 Semester 2
ASNS4013 Asian Studies Honours C	12	<b>C</b> ASNS4012	Semester 1 Semester 2
ASNS4014 Asian Studies Honours D	12	<b>C</b> ASNS4013	Semester 1 Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>Australian Literature</b>			
(See English.)			
<b>Australian Studies</b>			
ASTR2601 Australia: Land and Nation	6	P 18 junior credit points N ASTR2001 <i>May be cross listed to a major in Australian Literature. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>Biblical Studies</b>			
BBCL1001 Biblical Studies 1	6		Semester 1
BBCL1002 Biblical Studies 2	6		Semester 2
BBCL2603 Prophets	6	P BBCL1001 and BBCL1002 N BBCL2003	Semester 1
BBCL2604 Biblical Writings	6	P BBCL1001 and BBCL1002 N BBCL2004	Semester 2
BBCL2801 Biblical In-Country Study A	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
BBCL2802 Biblical In-Country Study B	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
BBCL4011 Biblical Studies Honours A	12	P Credit average in 48 senior credit points from Hebrew, Biblical and Jewish Studies. These credit points must include 24 senior credit points from Biblical Studies and at least 12 senior credit points in Classical Hebrew. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
BBCL4012 Biblical Studies Honours B	12	C BBCL4011	Semester 1 Semester 2
BBCL4013 Biblical Studies Honours C	12	C BBCL4012	Semester 1 Semester 2
BBCL4014 Biblical Studies Honours D	12	C BBCL4013	Semester 1 Semester 2
<b>Celtic Studies</b>			
CLST2601 Defining the Celts	6	P 18 Junior Credit Points	Semester 1
CLST2602 Old Irish 2	6	P CLST2606	Semester 2
CLST2603 Middle Welsh 2	6	P CLST2604	Semester 2
CLST2604 Middle Welsh 1	6	P 18 Junior Credit Points <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</i>	Semester 1
CLST2605 Celts in History	6	P 18 Junior credit points	Semester 2
CLST2606 Old Irish 1	6	P 18 Junior credit points <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</i>	Semester 1
CLST2607 Modern Irish Linguistics	6	P 12 Senior Credit Points <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</i>	Semester 2
CLST2608 Modern Welsh Language and Culture 1	6	P 18 Junior Credit Points <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</i>	Semester 1
CLST2609 Modern Welsh Language and Culture 2	6	P 18 Junior Credit Points; CLST2608 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</i>	Semester 2
CLST2610 Modern Irish Language and Culture 1	6	P 18 Junior Credit Points <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</i>	Semester 1
CLST2611 Modern Irish Language and Culture 2	6	P 18 Junior Credit Points; CLST2610 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</i>	Semester 2
CLST2612 Scottish Identity, History and Culture	6	P 18 Junior Credit Points <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</i>	Semester 2
CLST4011 Celtic Studies Honours A	12	P A major in Celtic Studies plus 12 additional credit points, all with a credit average <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
CLST4012 Celtic Studies Honours B	12	C CLST4011	Semester 1 Semester 2
CLST4013 Celtic Studies Honours C	12	C CLST4012	Semester 1 Semester 2
CLST4014 Celtic Studies Honours D	12	C CLST4013	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>Chinese Studies</b>			
<b>CHNS1101 Chinese 1A (For Beginners)</b>	6	<b>A</b> This unit of study is suitable for complete beginners and for those students who, in the department's judgement, are best advised to go back to the beginning. <b>C</b> Students are strongly advised to take CHNS1601 Understanding Contemporary China. <b>N</b> HSC Chinese for Background Speakers; eligibility for CHNS1201 or higher	Semester 1 Summer Main
<b>CHNS1102 Chinese 1B (For Beginners)</b>	6	<b>A</b> One semester of Chinese at introductory level. <b>P</b> CHNS1101 <b>N</b> HSC Chinese for Background Speakers; eligibility for CHNS1201 or higher	Semester 2 Summer Late
<b>CHNS1201 Chinese 1C (For Advanced Beginners)</b>	6	<b>A</b> Native- or near-native fluency in a spoken Chinese language (e.g., Putonghua, Cantonese) combined with no, or very limited, knowledge of characters. <b>C</b> Students are strongly advised to take CHNS1601 Understanding Contemporary China. <b>N</b> HSC Chinese for Background Speakers; eligibility for higher-level classes	Semester 1
<b>CHNS1202 Chinese 1D (For Advanced Beginners)</b>	6	<b>A</b> Native- or near-native fluency in a spoken Chinese language (e.g., putonghua, Cantonese) combined with full mastery (reading and writing) of about 400 to 500 characters; at least basic communicative skills in Putonghua. <b>P</b> CHNS1201 <b>N</b> HSC Chinese for Background Speakers; eligibility for higher-level classes	Semester 2
<b>CHNS1601 Understanding Contemporary China</b>	6	<b>N</b> ASNS1101	Semester 1
<b>CHNS1801 Chinese Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS1802 Chinese Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2601 Chinese 2A (Lower Intermediate)</b>	6	<b>A</b> One year (approx. 5 hours per week for 26 weeks) of Chinese at introductory level. <b>P</b> CHNS1102 <b>N</b> HSC Chinese for Background Speakers or equivalent, CHNS2101	Semester 1
<b>CHNS2602 Chinese 2B (Lower Intermediate)</b>	6	<b>A</b> Sound intermediate knowledge of Modern Standard Chinese, including full mastery of about 1000 characters (preferably full-form). <b>P</b> CHNS2601 or CHNS2101 <b>N</b> HSC Chinese for Background Speakers or equivalent, CHNS2102	Semester 2
<b>CHNS2611 Classical Chinese A</b>	6	<b>A</b> Minimum of one year of Chinese at introductory level, preferably using full-form characters. <b>P</b> CHNS1102 or CHNS1202 or CHNS2602 or CHNS3602 or CHNS3604 or CHNS2102 or CHNS3104 or CHNS2204 or department permission <b>N</b> HSC Chinese for Background Speakers (or equivalent), CHNS2111, CHNS2903, CHNS1313 <i>Note: Department permission required for enrolment</i>	Semester 1
<b>CHNS2612 Classical Chinese B</b>	6	<b>P</b> CHNS2611; or CHNS2111; or HSC Chinese for Background Speakers (or equivalent) plus department permission; or CHNS1313 plus department permission or CHNS2903 <b>N</b> CHNS2112, CHNS2904, CHNS1314	Semester 2
<b>CHNS2650 Chinese In-Country Study A</b>	6	<b>A</b> At least a year of Modern Standard Chinese at tertiary level (or equivalent). The department recommends that students complete at least two semesters of Chinese prior to undertaking a full semester of in-country study. <b>P</b> CHNS1102 or CHNS1202 (or a sequel within the same stream); or any senior CHNS unit of study whose numeric code has 60 as the second and third digits. Native speakers of Chinese who can read Chinese fluently and seek special permission to undertake in-country study after first year must present a coherent academic rationale to the department. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2651 Chinese In-Country Study B</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2652 Chinese In-Country Study C</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2653 Chinese In-Country Study D</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2654 Chinese In-Country Study E</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2655 Chinese In-Country Study F</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2656 Chinese In-Country Study G</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2657 Chinese In-Country Study H</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2810 Chinese Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2811 Chinese Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2812 Chinese Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS2813 Chinese Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS3601 Chinese 3A (Upper Intermediate)</b>	6	<b>A</b> Two years of university-level Chinese-language instruction for students without prior knowledge of Chinese. <b>P</b> CHNS2602 or CHNS2102 <b>N</b> HSC Chinese for Background Speakers or equivalent; CHNS3103	Semester 1
<b>CHNS3602 Chinese 3B (Upper Intermediate)</b>	6	<b>A</b> Two and a half years of university-level Chinese-language instruction for students without prior knowledge of Chinese. <b>P</b> CHNS3601 or CHNS3103 <b>N</b> HSC Chinese for Background Speakers or equivalent; CHNS3104	Semester 2
<b>CHNS3603 Chinese 4A (Advanced)</b>	6	<b>P</b> CHNS1202 or CHNS3602 or CHNS3104 <b>N</b> HSC Chinese for Background Speakers or equivalent; CHNS2203; CHNS2204	Semester 1

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>CHNS3604</b> Chinese 4B (Advanced)	6	<b>P</b> CHNS3603 or CHNS2203 <b>N</b> HSC Chinese for Background Speakers or equivalent; CHNS2204	Semester 2
<b>CHNS3605</b> Advanced Chinese Studies A	6	<b>P</b> CHNS3604 or Distinction in CHNS3602. (Note: students who have earned a Distinction in CHNS3602 will be permitted to take this subject either with or instead of Chinese 4A). <b>N</b> HSC Chinese for Background Speakers (or equivalent).	Semester 1
<b>CHNS3606</b> Advanced Chinese Studies B	6	<b>P</b> CHNS3605 Advanced Chinese Studies A, or department permission. [Note: students who have earned a Distinction in CHNS3603 Chinese 4A (Advanced) will be permitted to take this subject either with or instead of CHNS3604 Chinese 4B (Advanced)]	Semester 2
<b>CHNS3608</b> Chinese for Business Purposes (A)	6	<b>A</b> Sound intermediate knowledge of Modern Standard Chinese <b>P</b> CHNS2602, CHNS1202 or CHNS2102 <b>C</b> CHNS3601 or CHNS3603 <b>N</b> HSC Chinese for Background Speakers or equivalent; CHNS3421	Semester 1
<b>CHNS3609</b> Chinese for Business Purposes (B)	6	<b>A</b> Sound intermediate to advanced knowledge of Modern Standard Chinese; basic grounding in Chinese for business purposes. <b>P</b> CHNS3608 or CHNS3421 <b>C</b> CHNS3602 or CHNS3604 <b>N</b> HSC Chinese for Background Speakers or equivalent; CHNS3422	Semester 2
<b>CHNS3632</b> The Novel in Premodern China	6	<b>A</b> No knowledge of the Chinese language or Chinese literature is required. <b>P</b> 12 credit points from Table A of the Table of Units of Study in the Faculty of Arts or equivalent <b>N</b> CHNS3532 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>CHNS3639</b> Chinese Cinema	6	<b>A</b> No knowledge of the Chinese language or cinema is required. <b>P</b> 12 credit points from Part A of the Table of Units of Study in the Faculty of Arts or equivalent.	Semester 1
<b>CHNS3641</b> Chinese Philosophy	6	<b>A</b> No knowledge of the Chinese language or of Chinese philosophy is required. <b>P</b> 12 credit points of Chinese language; or 12 non-language credit points from Table A of the Table of Units of Study in the Faculty of Arts; or department permission. (Note: students who hope to attend the Chinese-language tutorials must have successfully completed one of the following: CHNS2612, CHNS2112, CHNS2904, CHNS1314). <b>N</b> CHNS3551, CHNS3451 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>CHNS3646</b> Classical Chinese Fiction	6	<b>A</b> Good grounding in Classical Chinese <b>P</b> CHNS2612 or CHNS2112 or CHNS1314 or CHNS2904 <b>N</b> CHNS3543, CHNS3443 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>CHNS4011</b> Chinese Honours A	12	<b>P</b> The minimum requirements for admission to Honours are as follows: (1) a major in Chinese Studies plus sufficient additional credit points selected from other China-focused units of study to reach 48 senior credit points; and (2) a Credit average in all qualifying units of study. In addition, ASNS3690, Approaches to Research in Asian Studies is strongly recommended and may be counted towards the required 48 senior credit points by all students except those whose qualifying senior credit points include CHNS2601 (or 2101) and/or CHNS2602 (or 2102). Intending Honours students are advised to take as many senior credit points as possible in Chinese language and China-related subjects. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHNS4012</b> Chinese Honours B	12	<b>P</b> See under CHNS4011. <b>C</b> CHNS4011	Semester 1 Semester 2
<b>CHNS4013</b> Chinese Honours C	12	<b>P</b> See under CHNS4011. <b>C</b> CHNS4012	Semester 1 Semester 2
<b>CHNS4014</b> Chinese Honours D	12	<b>P</b> See under CHNS4011. <b>C</b> CHNS4013	Semester 1 Semester 2
<b>Classical Studies</b>			
<b>CLCV1801</b> Classical Civilisation Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CLCV1802</b> Classical Civilisation Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CLSS2804</b> Classical Civilisation Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CLSS2805</b> Classical Civilisation Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CLSS4011</b> Classics Honours A	12	<b>P</b> Either credit average in 36 senior credit points of Latin, including two of LATN3603, 3604, 3605, 3606 plus 18 additional senior credit points of Greek OR credit average in 36 senior credit points of Greek, including two of GRKA3603, 3604, 3605, 3606 plus 18 additional senior credit points of Latin. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CLSS4012</b> Classics Honours B	12	<b>P</b> Refer to CLSS4011 <b>C</b> CLSS4011	Semester 1 Semester 2
<b>CLSS4013</b> Classics Honours C	12	<b>P</b> Refer to CLSS4011 <b>C</b> CLSS4012	Semester 1 Semester 2
<b>CLSS4014</b> Classics Honours D	12	<b>P</b> Refer to CLSS4011 <b>C</b> CLSS4013	Semester 1 Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>Comparative Literary Studies</b>			
(See International Comparative Literary Studies.)			
<b>Cultural Studies</b>			
<b>GCST2601 Introducing Media and Popular Culture</b>	6	<b>P</b> 18 junior credit points <b>N</b> WMST2001 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1 Winter Main
<b>GCST2608 Gender, Communities and Belonging</b>	6	<b>P</b> 18 Junior credit points <b>N</b> WMST2008 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>GCST2812 Cultural Studies Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>GCST2813 Cultural Studies Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>GCST2814 Cultural Studies Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>GCST2815 Cultural Studies Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>GCST2816 Cultural Studies Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>GCST2817 Cultural Studies Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>GCST2818 Cultural Studies Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>GCST2819 Cultural Studies Exchange</b>	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>GCST3603 Consumer Cultures</b>	6	<b>P</b> 18 Junior credit points, including 6 credit points in GCST <b>N</b> WMST3003 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>GCST3604 Cultural Theory</b>	6	<b>P</b> 18 junior credit points including at least 6 credit points GCST <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>GCST4011 Cultural Studies Honours A</b>	12	<b>P</b> Credit average in 48 senior credit points of Cultural Studies, including GCST2601 (or WMST2001) <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>GCST4012 Cultural Studies Honours B</b>	12	<b>P</b> Refer to GCST4011 <b>C</b> GCST4011	Semester 1 Semester 2
<b>GCST4013 Cultural Studies Honours C</b>	12	<b>P</b> Refer to GCST4011 <b>C</b> GCST4012	Semester 1 Semester 2
<b>GCST4014 Cultural Studies Honours D</b>	12	<b>P</b> Refer to GCST4011 <b>C</b> GCST4013	Semester 1 Semester 2
<b>GCST4101 Arguing the Point</b>	6	<b>P</b> Credit average in 48 senior credit points of Gender Studies, including GCST2602 (or WMST2002) OR credit average in 48 senior credit points of Cultural Studies, including GCST2601 (or WMST2001) <b>N</b> WMST4011 <i>Note: Department permission required for enrolment</i> <i>The Honours in Gender Studies and Honours in Cultural Studies programs are structured in the same way. For each, a student must enrol in GCST4101 Arguing the Point and GCST4102 Research Skills. Every student then takes four Honours Thesis units and two Honours Seminar units, in Gender Studies or Cultural Studies respectively. It is also possible to do combined Honours by enrolling in one Seminar and two Thesis units from each discipline. All Honours students are also expected to attend the Departmental research seminar series. Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010.</i>	Semester 1
<b>GCST4102 Research Skills</b>	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1
<b>GCST4111 Cultural Studies Honours Seminar A</b>	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1 Semester 2
<b>GCST4112 Cultural Studies Honours Seminar B</b>	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1 Semester 2
<b>GCST4113 Cultural Studies Honours Thesis A</b>	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1 Semester 2
<b>GCST4114 Cultural Studies Honours Thesis B</b>	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1 Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>GCST4115</b> Cultural Studies Honours Thesis C	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101	Semester 1 Semester 2
<b>GCST4116</b> Cultural Studies Honours Thesis D	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101	Semester 1 Semester 2
<b>Digital Cultures</b>			
<b>ARIN2600</b> Technocultures	6	<b>P</b> 18 junior credit points <b>N</b> ARIN3000	Semester 1
<b>ARIN2610</b> Web Production	6	<b>P</b> 18 junior credit points <b>N</b> ARIN2100	Semester 2 Summer Main
<b>ARIN2620</b> Cyberworlds	6	<b>P</b> 18 junior credit points <b>N</b> ARIN2200 <i>May be cross-listed for a Sociology major</i>	Semester 1
<b>ARIN2630</b> Digital Arts	6	<b>P</b> 18 junior credit points <b>N</b> ARIN2300 <i>May be cross-listed for an Art History and Theory major.</i>	Semester 2
<b>ARIN2801</b> Digital Cultures Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARIN2802</b> Digital Cultures Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARIN2803</b> Digital Cultures Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARIN2804</b> Digital Cultures Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARIN2805</b> Digital Cultures Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARIN2806</b> Digital Cultures Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARIN2807</b> Digital Cultures Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARIN2808</b> Digital Cultures Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARIN3620</b> Researching Digital Cultures	6	<b>P</b> 18 senior credit points <b>N</b> ARIN2000	Semester 2
<b>ARIN3640</b> Computer Games and Simulation	6	<b>P</b> 18 junior credit points	Semester 1
<b>ARIN3650</b> Digital Cultures Project 1	6	<b>P</b> ISYS3403 (ISYS3113), ISYS3400 (ISYS3207) and ARIN3620 (ARIN2000) <b>N</b> ARIN3500, ARIN3600	Semester 1
<b>ARIN3660</b> Digital Cultures Project 2	6	<b>P</b> ISYS3403 (ISYS3113), ISYS3400 (ISYS3207), ARIN3620 (ARIN2000) and ARIN3650 <b>N</b> ARIN3500, ARIN3600	Semester 2
<b>ARIN3670</b> Digital Cultures Internship	6	<b>P</b> ARIN1000 and either ISYS1003 or INFO1000 or INFO1003; 36 senior credit points of ARIN and ISYS/INFO <b>C</b> ARIN3680 <b>N</b> Enrolment is subject to approval by the Director of the BA (Digital Technology and Culture) program and locating an appropriate match between student and organisation. <i>Note: Department permission required for enrolment</i> <i>Students will usually not enrol in ARIN3670 until the second semester of their 3rd year.</i>	Semester 1 Semester 2
<b>ARIN3680</b> Digital Cultures Internship Project	6	<b>P</b> ARIN1000 and either ISYS1003 or INFO1000 or INFO1003; 36 senior credit points of ARIN and ISYS/INFO <b>C</b> ARIN3670	Semester 1 Semester 2
<b>ARIN4011</b> Digital Cultures Honours A	12	<b>P</b> Completion of 48 senior credit points in the Digital Cultures Program comprising ARIN and cross-listed units of study. For 2008, the ARIN units must include ARIN2600 Technocultures and ARIN3620 Researching Digital Cultures. An average of credit or above must be achieved for the 48 credit points. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ARIN4012</b> Digital Cultures Honours B	12	<b>C</b> ARIN4011	Semester 1 Semester 2
<b>ARIN4013</b> Digital Cultures Honours C	12	<b>C</b> ARIN4012	Semester 1 Semester 2
<b>ARIN4014</b> Digital Cultures Honours D	12	<b>C</b> ARIN4013	Semester 1 Semester 2
<b>English</b>			
<b>ENGL1002</b> Narratives of Romance and Adventure	6		Semester 1
<b>ENGL1007</b> Language, Texts and Time	6		Semester 2
<b>ENGL1008</b> Australian Texts: International Contexts	6		Semester 1
<b>ENGL1025</b> Fiction, Film and Power	6		Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
ENGL1801 English Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ENGL1802 English Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ENGL2603 American Literature: Imagining America	6	<b>P</b> 12 Junior credit points of English <b>N</b> ENGL2003	Semester 1
ENGL2607 Drama: Classical to Renaissance	6	<b>P</b> 12 Junior credit points of English <b>N</b> ENGL2007	Semester 1
ENGL2611 Jane Austen and Her Contemporaries	6	<b>P</b> 12 Junior credit points of English <b>N</b> ENGL2011	Semester 1 Summer Main
ENGL2619 Semiotics of Language	6	<b>P</b> 12 Junior credit points of English <b>N</b> ENGL2019, SMTC2001, SMTC2002	Semester 1
ENGL2635 Contemporary American Literature	6	<b>P</b> 12 junior credit points of English <b>N</b> ENGL2035	Semester 2
ENGL2648 Literature of Travel and Discovery	6	<b>P</b> 12 Junior credit points of English <b>N</b> ENGL2048	Semester 2
ENGL2650 Reading Poetry	6	<b>P</b> 12 Junior credit points of English <b>N</b> ENGL2050	Semester 1
ENGL2651 Transatlantic Negotiations	6	<b>P</b> 12 junior credit points of English	Semester 2
ENGL2655 Modern British Literature	6	<b>P</b> 12 Junior credit points of English	Semester 1
ENGL2656 From the Metaphysicals to Milton	6	<b>P</b> 12 junior credit points of English excluding ENGL1000	Semester 2
ENGL2657 Myths, Legends and Heroes	6	<b>P</b> 12 Junior credit points of English	Semester 2
ENGL2661 Imagining Camelot	6	<b>P</b> 12 Junior credit points of English <b>N</b> ENGL2601	Semester 1
ENGL2811 English Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ENGL2812 English Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ENGL2813 English Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ENGL2814 English Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ENGL2815 English Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ENGL2816 English Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ENGL2817 English Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ENGL2818 English Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ENGL3603 Contemporary British Literature	6	<b>P</b> Credit or above in 12 senior credit points of English <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
ENGL3605 Canonical Poetry	6	<b>P</b> Credit or above in 12 senior credit points of English <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
ENGL3611 Issues in the Semiotics of Language	6	<b>P</b> Credit or above in 12 senior credit points of English <b>N</b> ENGL3915 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
ENGL3615 The Rhetoric of the Streets	6	<b>P</b> Credit or above in 12 senior credit points of English <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
ENGL3633 Introduction to Old English	6	<b>P</b> Credit or above in 12 senior credit points of English <b>N</b> Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult co-ordinator. <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
ENGL3634 Continuing Old English	6	<b>P</b> ENGL3633 <b>N</b> Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult co-ordinator <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
ENGL3635 Introduction to Old Norse	6	<b>P</b> Credit or above in 12 senior credit points of English <b>N</b> Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult co-ordinator. <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
ENGL3636 Continuing Old Norse	6	<b>P</b> ENGL3635 <b>N</b> Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult co-ordinator <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2



<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
ENGL3642 Studies in Medieval Literatures	6	<b>P</b> Credit or above in 12 senior credit points of English <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
ENGL3653 Political Speech in Early Modern Drama	6	<b>P</b> Credit or above in 18 senior credit points of English <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
ENGL3654 Libertine Literature: Sex and Liberty	6	<b>P</b> Credit or above in 18 senior credit points of English <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
ENGL3655 The Literary in Theory	6	<b>P</b> Credit or above in 18 senior credit points of English <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
ENGL3656 Rethinking the Thirties	6	<b>P</b> Credit or above in 18 senior credit points of English <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
ENGL3657 The Brontes	6	<b>P</b> Credit or above in 18 senior credit points of English <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
ENGL4101 English Honours A	12	<b>P</b> For 2010 Students : Credit average in 48 senior English credit points (8 units of study), including the two special entry units ENGL3962 and ENGL3964, and two advanced units on topics other than twentieth-century literature and film (that is, any except ENGL3601, ENGL3603, ENGL3604). Students wishing to commence their honours year in 2011 should consult Section 4 of this handbook for new prerequisites that will apply from that year onwards. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ENGL4102 English Honours B	12	<b>C</b> ENGL4101	Semester 1 Semester 2
ENGL4103 English Honours C	12	<b>C</b> ENGL4102	Semester 1 Semester 2
ENGL4104 English Honours D	12	<b>C</b> ENGL4103	Semester 1 Semester 2
ASLT2609 Australian Literature 1988 to Present	6	<b>P</b> 12 Junior credit points <b>N</b> ASLT2009	Semester 2
ASLT2616 Australian Stage and Screen	6	<b>P</b> 18 Junior credits points <b>N</b> ASLT2006, ASLT2016 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1 Summer Early
ASLT2617 Writing and Justice	6	<b>P</b> 18 Junior credit points <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
ASLT2618 Anatomy of the Literary Hoax	6	<b>P</b> 18 Junior credit points <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
ASLT2620 Writing Australian Nature	6	<b>P</b> 12 junior credit points <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 2
ASLT4011 Australian Literature Honours A	12	<b>P</b> Credit average in 48 senior Australian Literature credit points (8 units of study), including the two special entry units ASLT3601 (or ASLT3901) and ASLT3602 (or ASLT3902). This may include up to 18 credit points of senior level English and/or Australian Studies. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ASLT4012 Australian Literature Honours B	12	<b>C</b> ASLT4011	Semester 1 Semester 2
ASLT4013 Australian Literature Honours C	12	<b>C</b> ASLT4012	Semester 1 Semester 2
ASLT4014 Australian Literature Honours D	12	<b>C</b> ASLT4013	Semester 1 Semester 2
<b>European Studies</b>			
EUST2611 European & Middle Eastern Myth & Legend	6	<b>P</b> At least 18 junior credit points from Part A of the Table of Units of Study, of which 12 credit points are from one subject; or permission from the Director of European Studies.	Semester 1
EUST2612 Regionalisms in Europe & the Middle East	6	<b>P</b> At least 18 junior credit points from Part A of the Table of Units of Study, of which 12 credit points are from one subject; or permission from the Director of European Studies.	Semester 2
EUST2613 Romanticism and Revolution	6	<b>P</b> At least 18 junior credit points from Part A of the Table of Units of Study, of which 12 credit points are from one subject; or permission from the Director of European Studies.	Semester 2
EUST2614 Contested Histories of Eastern Europe	6	<b>P</b> At least 18 junior credit points from Part A of the Table of Units of Study, of which 12 credit points are from one subject; or permission from the Director of European Studies.	Semester 1
EUST2805 European Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
EUST2806 European Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
EUST2807 European Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
EUST2808 European Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>EUST4011</b> European Studies Honours A	12	<b>P</b> A Credit average in 36 senior credit points of European Studies units, plus either 12 advanced level credit points OR 24 introductory / intermediate level credit points of a European language (other than English) or a Middle Eastern language. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>EUST4012</b> European Studies Honours B	12	<b>C</b> EUST4011	Semester 1 Semester 2
<b>EUST4013</b> European Studies Honours C	12	<b>C</b> EUST4012	Semester 1 Semester 2
<b>EUST4014</b> European Studies Honours D	12	<b>C</b> EUST4013	Semester 1 Semester 2
<b>Film Studies</b>			
<b>FILM2810</b> Film Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>FILM2811</b> Film Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>FILM2812</b> Film Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>FILM2813</b> Film Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>FILM2814</b> Film Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>FILM2815</b> Film Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>FILM4101</b> Film Studies Honours A	12	<b>P</b> Results of a credit average or better in 48 credit points in Film Studies senior units. If you do not have this prerequisite please contact the Honours coordinator to determine possible waiving of the prerequisite. Students may commence their study either at the beginning of the year or mid-year. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>FILM4102</b> Film Studies Honours B	12	<b>C</b> FILM4101	Semester 1 Semester 2
<b>FILM4103</b> Film Studies Honours C	12	<b>C</b> FILM4102	Semester 1 Semester 2
<b>FILM4104</b> Film Studies Honours D	12	<b>C</b> FILM4103	Semester 1 Semester 2
<b>French Studies</b>			
<b>FRNC1611</b> Junior French Introductory 1	6	<b>P</b> Complete beginners, or less than 2 years of French, or less than 65% in Beginners HSC French <b>N</b> FRNC1101	Semester 1 Summer Main Winter Main
<b>FRNC1612</b> Junior French Introductory 2	6	<b>P</b> FRNC1611 or FRNC1101 or equivalent <b>N</b> FRNC1102	Semester 2 Summer Late Winter Main
<b>FRNC1621</b> Junior French Intermediate 3	6	<b>P</b> Less than 80% in HSC French Continuers or more than 65% in HSC French Beginners or equivalent <b>N</b> FRNC1201	Semester 1
<b>FRNC1622</b> Junior French Intermediate 4	6	<b>P</b> FRNC1621 or FRNC1201 or equivalent <b>N</b> FRNC1202	Semester 2
<b>FRNC1631</b> Junior French Advanced 5	6	<b>P</b> HSC French Continuers and Extension or more than 80% in Continuers French <b>N</b> FRNC1301	Semester 1
<b>FRNC1632</b> Junior French Advanced 6	6	<b>P</b> FRNC1631 or FRNC1301 or equivalent <b>N</b> FRNC1302	Semester 2
<b>FRNC1801</b> French Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>FRNC1802</b> French Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>FRNC2611</b> Senior French Intermediate 1	6	<b>P</b> FRNC1622, FRNC1612, FRNC1202, FRNC1102 or equivalent <b>N</b> FRNC2103	Semester 1
<b>FRNC2612</b> Senior French Intermediate 2	6	<b>P</b> FRNC2611, FRNC2103 or equivalent <b>N</b> FRNC2104	Semester 2
<b>FRNC2614</b> French Reading 1: Text and Society	6	<b>P</b> FRNC1612, FRNC1622, FRNC1102, FRNC1202 or equivalent <b>N</b> FRNC2621, FRNC3631, FRNC2501, FRNC3621, FRNC3622 <i>This unit is required for students intending to major or take options in their third year</i>	Semester 1
<b>FRNC2615</b> Literature and Theatre	6	<b>P</b> FRNC2614, FRNC2501 or equivalent <b>N</b> FRNC2502, FRNC2622, FRNC3631, FRNC3621, FRNC3622 <i>This unit is required for students intending to major or take options in their third year</i>	Semester 2
<b>FRNC2621</b> Senior French Intermediate 3	6	<b>P</b> FRNC2612, FRNC2104 or equivalent <b>N</b> FRNC3105	Semester 1
<b>FRNC2622</b> Senior French Intermediate 4	6	<b>P</b> FRNC2621, FRNC3105 or equivalent <b>N</b> FRNC3106	Semester 2
<b>FRNC2666</b> Research Methods in French Studies	6	<b>P</b> Credit in FRNC1632 or FRNC2615 or FRNC1302 or FRNC2502 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>FRNC2682</b> The Legend of the Holy Grail	6	<b>P</b> FRNC1302 or FRNC2502 or FRNC1632 or FRNC2615 or equivalent <b>N</b> FRNC2901 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
FRNC2692 The Second French Revolution	6	P FRNC1632, FRNC1302, FRNC2615, FRNC2502 or equivalent N FRNC2702	Semester 2
FRNC2803 French Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
FRNC2804 French Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
FRNC2805 French Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
FRNC2806 French Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
FRNC2807 French Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
FRNC2808 French Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
FRNC3621 Senior French Advanced 5	6	P FRNC1632, FRNC1302 or equivalent N FRNC2303	Semester 1
FRNC3622 Senior French Advanced 6	6	P FRNC3621, FRNC2303 or equivalent. N FRNC2304	Semester 2
FRNC3631 Senior French Advanced 7	6	P FRNC3622, FRNC2304 or equivalent N FRNC3305	Semester 1
FRNC3652 Textual Linguistics	6	P FRNC1632 or FRNC2615 or FRNC1302 or FRNC2502 or equivalent N FRNC3603	Semester 1
FRNC3681 Genre de l'Invention, Invention du Genre	6	P FRNC1632 or FRNC1302 or FRNC2615 or FRNC2502	Semester 2
FRNC3687 French Enlightenment	6	P FRNC1302, FRNC1632, FRNC2502, FRNC2615 or equivalent N FRNC3908 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
FRNC3689 French Romanticism	6	P FRNC1302, FRNC1632, FRNC2502, FRNC2615 or equivalent N FRNC3909 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
FRNC3690 French Political Cinema	6	P FRNC1631 or FRNC2615 or FRNC1302 or FRNC2502	Semester 2
FRNC3801 French In-Country Study	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
FRNC4011 French Honours A	12	P 48 senior credit points (with Credit average or better) including FRNC2666 Research Methods in French Studies and FRNC3631 Senior French Language (or equivalent). <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
FRNC4012 French Honours B	12	C FRNC4011	Semester 1 Semester 2
FRNC4013 French Honours C	12	C FRNC4012	Semester 1 Semester 2
FRNC4014 French Honours D	12	C FRNC4013	Semester 1 Semester 2
<b>Gender Studies</b>			
GCST2601 Introducing Media and Popular Culture	6	P 18 junior credit points N WMST2001 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1 Winter Main
GCST2602 Introducing Gender	6	P 18 Junior credit points N WMST2002	Semester 1
GCST2604 Sex, Violence and Transgression	6	P 18 Junior credit points N WMST2004 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2 Summer Main
GCST2607 Bodies, Sexualities, Identities	6	P 18 junior credit points. N WMST2007 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1 Summer Late
GCST2608 Gender, Communities and Belonging	6	P 18 Junior credit points N WMST2008 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
GCST2609 Cultures of Masculinities	6	P 18 Junior credit points N WMST2009 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1 Winter Main
GCST2610 Intimacy, Love and Friendship	6	P 18 Junior credit points N WMST2010 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
GCST2612 Youth Cultures	6	P 18 junior credit points N WMST2012 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 2 Summer Early

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
GCST2613 Everyday Life: Theories and Practices	6	<b>P</b> 18 Junior credit points <b>N</b> GCST2611 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
GCST2614 The Body: Theories, Practices, Cultures	6	<b>P</b> 18 Junior credit points <b>N</b> WMST2012 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
GCST2804 Gender Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GCST2805 Gender Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GCST2806 Gender Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GCST2810 Gender Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GCST2811 Gender Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GCST3603 Consumer Cultures	6	<b>P</b> 18 Junior credit points, including 6 credit points in GCST <b>N</b> WMST3003 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
GCST3604 Cultural Theory	6	<b>P</b> 18 junior credit points including at least 6 credit points GCST <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
GCST3690 Transnationalism, Gender & Globalisation	6	<b>P</b> 18 Junior credit points, including 6 credit points in GCST <b>N</b> WMST3090 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
GCST4015 Gender Studies Honours A	12	<b>P</b> Credit average in 48 senior credit points of Gender Studies, including GCST2602 (or WMST2002) <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GCST4016 Gender Studies Honours B	12	<b>P</b> Refer to GCST4015 <b>C</b> GCST4015	Semester 1 Semester 2
GCST4017 Gender Studies Honours C	12	<b>P</b> Refer to GCST4015 <b>C</b> GCST4016	Semester 1 Semester 2
GCST4018 Gender Studies Honours D	12	<b>P</b> Refer to GCST4015 <b>C</b> GCST4017	Semester 1 Semester 2
GCST4101 Arguing the Point	6	<b>P</b> Credit average in 48 senior credit points of Gender Studies, including GCST2602 (or WMST2002) OR credit average in 48 senior credit points of Cultural Studies, including GCST2601 (or WMST2001) <b>N</b> WMST4011 <i>Note: Department permission required for enrolment</i> <i>The Honours in Gender Studies and Honours in Cultural Studies programs are structured in the same way. For each, a student must enrol in GCST4101 Arguing the Point and GCST4102 Research Skills. Every student then takes four Honours Thesis units and two Honours Seminar units, in Gender Studies or Cultural Studies respectively. It is also possible to do combined Honours by enrolling in one Seminar and two Thesis units from each discipline. All Honours students are also expected to attend the Departmental research seminar series. Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010.</i>	Semester 1
GCST4102 Research Skills	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1
GCST4103 Gender Studies Honours Seminar A	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1 Semester 2
GCST4104 Gender Studies Honours Seminar B	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1 Semester 2
GCST4105 Gender Studies Honours Thesis A	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1 Semester 2
GCST4106 Gender Studies Honours Thesis B	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1 Semester 2
GCST4107 Gender Studies Honours Thesis C	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1 Semester 2
GCST4108 Gender Studies Honours Thesis D	6	<b>C</b> GCST4101 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101</i>	Semester 1 Semester 2
<b>Germanic Studies</b>			
GRMN1111 Junior German 1	6	<b>N</b> HSC German Extension, German Continuers, German Beginners 70% or above or equivalent	Semester 1

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
GRMN1122 Junior German 2	6	P GRMN1111	Semester 2
GRMN1211 Junior German 3	6	P HSC German Beginners 70% or above or German Continuers below 70% or equivalent	Semester 1
GRMN1222 Junior German 4	6	P GRMN1211	Semester 2
GRMN1311 Junior German 5	6	P HSC German Extension or German Continuers 70% or above or equivalent	Semester 1
GRMN1322 Junior German 6	6	P GRMN1311	Semester 2
GRMN2611 Senior German 1	6	P GRMN1122 N GRMN2211, GRMN2222, GRMN2311, GRMN2322, GRMN2331, GRMN2342, GRMN2351, GRMN2362	Semester 1
GRMN2612 Senior German 2	6	P GRMN2611 or GRMN2211 N GRMN2222, GRMN2311, GRMN2322, GRMN2331, GRMN2342, GRMN2351, GRMN2362	Semester 2
GRMN2613 Senior German 3	6	P GRMN1222 or GRMN2222 or GRMN2612 N GRMN2311, GRMN2322, GRMN2331, GRMN2342, GRMN2351, GRMN2362	Semester 1
GRMN2614 Senior German 4	6	P GRMN2613 or GRMN2311 N GRMN2322, GRMN2331, GRMN2342, GRMN2351, GRMN2362	Semester 2
GRMN2615 Senior German 5	6	P GRMN2322 or GRMN2614 N GRMN2331, GRMN2342, GRMN2351, GRMN2362	Semester 1
GRMN2616 Senior German 6	6	P GRMN1322 or GRMN2615 N GRMN2342, GRMN2351, GRMN2362	Semester 1
GRMN2617 Senior German 7	6	P GRMN2331 or GRMN2616 N GRMN2351, GRMN2362	Semester 2
GRMN2618 Senior German 8	6	P GRMN2342 or GRMN2617 N GRMN2362	Semester 1
GRMN2631 Reading Comprehension and Text Study	6	P (GRMN1111 and GRMN1122) or (GRMN1211 and GRMN1222) N GRMN1311, GRMN1322, GRMN1322, GRMN2331, GRMN2342, GRMN2616, GRMN2530, GRMN2351, GRMN2617, GRMN2362, GRMN2618	Semester 1
GRMN2632 Early 20th Century German Culture	6	P 12 Junior credit points of German not including GRMN1133 N GRMN2450	Semester 1
GRMN2634 The Fantastic in German Literature	6	P 12 Junior credit points of German not including GRMN1133	Semester 1
GRMN2635 Contemporary German Fiction	6	P 12 Junior credit points of German not including GRMN1133 N GRMN2913 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 2
GRMN2637 Business German	6	P GRMN1222, GRMN1322, GRMN2222 or GRMN2612	Semester 2
GRMN2682 Foreign & Exotic in the German World	6	P Credit average in 12 Junior credit points of German not including GRMN1133 N GRMN3702 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
GRMN2684 Myth in German Literature	6	P Credit average in 12 junior credit points of German not including GRMN1133	Semester 2
GRMN2811 Germanic Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GRMN2812 Germanic Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GRMN2813 Germanic Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GRMN2814 Germanic Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GRMN2815 Germanic Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GRMN4011 German Honours A	12	P 48 senior credit points of German including 12 credit points of special honours entry units (2680 level) <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GRMN4012 German Honours B	12	C GRMN4011	Semester 1 Semester 2
GRMN4013 German Honours C	12	C GRMN4012	Semester 1 Semester 2
GRMN4014 German Honours D	12	C GRMN4013	Semester 1 Semester 2
<b>Global Studies</b>			
<b>(For continuing Bachelor of Global Studies students only.)</b>			
GBST2602 Human Rights & the Global Public Sphere	6	P GBST1001 and ANTH1002	Semester 2
GBST2801 Global Studies Exchange 1	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GBST2802 Global Studies Exchange 2	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
GBST2803 Global Studies Exchange 3	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GBST2804 Global Studies Exchange 4	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GBST2805 Global Studies Exchange 5	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GBST2806 Global Studies Exchange 6	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GBST2807 Global Studies Exchange 7	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GBST2808 Global Studies Exchange 8	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GBST4011 Global Studies Honours A	12	<b>P</b> Completion of the Bachelor of Global Studies with a Credit average <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GBST4012 Global Studies Honours B	12	<b>C</b> GBST4011	Semester 1 Semester 2
GBST4013 Global Studies Honours C	12	<b>C</b> GBST4012	Semester 1 Semester 2
GBST4014 Global Studies Honours D	12	<b>C</b> GBST4013	Semester 1 Semester 2
<b>Government and International Relations</b>			
GOVT1001 Government Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GOVT1101 Australian Politics	6		Semester 1
GOVT1104 Power in Society	6		Semester 2
GOVT1105 Geopolitics	6		Semester 1 Semester 2
GOVT1202 World Politics	6		Semester 1 Semester 2
GOVT1881 Government Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GOVT1882 Government Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
GOVT2111 Human Rights and Australian Politics	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2101 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
GOVT2114 The Australian Political Party System	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2104	Semester 2
GOVT2116 Australian Foreign and Defence Policy	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2106	Semester 1
GOVT2119 Southeast Asia: Dilemmas of Development	6	<b>P</b> 12 junior credit points in Government <b>N</b> ECHS2303, GOVT2109	Semester 2
GOVT2221 Politics of International Economic Rels	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2201	Semester 1
GOVT2225 International Security in 21st Century	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2205	Semester 1
GOVT2226 International Organisations	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2206	Semester 1
GOVT2331 Social Change and Politics	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2301	Semester 2
GOVT2440 Globalisation and National Governance	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2410	Semester 2
GOVT2445 American Politics and Foreign Policy	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2405	Semester 2
GOVT2552 Policy Analysis	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2502 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
GOVT2557 Public Sector Management	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2507	Semester 1
GOVT2558 Government, Business and Society	6	<b>P</b> 4 junior units of study	Semester 2
GOVT2611 Capitalism and Democracy in East Asia	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2411	Semester 1
GOVT2801 Applied International Studies	6	<b>P</b> Four core junior BIntS units of study (GOVT1105, GOVT1202, ECOP1001, ECOP1003) <i>This unit is only available to students enrolled in the Bachelor of International Studies</i>	Semester 2
GOVT2802 International Studies Practicum	6	<b>P</b> Four core junior BIntS units of study (GOVT1105, GOVT1202, ECOP1001, ECOP1003) <i>This unit is only available to students enrolled in the Bachelor of International Studies.</i>	Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
GOVT2881 Government Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
GOVT2882 Government Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
GOVT2883 Government Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
GOVT2884 Government Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
GOVT2885 Government Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
GOVT2991 Political Analysis	6	<b>P</b> Two junior Government units at the level of Credit or better, or with the consent of the Honours Coordinator, Dr Ariadne Vromen <b>N</b> GOVT2091 This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.	Semester 1
GOVT3993 Power	6	<b>P</b> Two senior Government units and GOVT2991 (or 2091), each at the level of Credit or better, or with the consent of the Honours Coordinator, Dr Ariadne Vromen. <b>N</b> GOVT3991 This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.	Semester 1
GOVT3994 Research Preparation	6	<b>P</b> Two senior Government units and GOVT2991 (or 2091), each at the level of Credit or better, or with the consent of the Honours Coordinator, Dr Ariadne Vromen. <b>N</b> GOVT3992 This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.	Semester 2
GOVT4101 Government Honours A	12	<b>P</b> Credit grades in two junior GOVT units, three senior GOVT units and GOVT2991 (or GOVT2091), GOVT3993 (or GOVT3991) and GOVT3994 (or GOVT3992). Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. <b>C</b> Must enrol in GOVT4101, 4102, 4103, and 4104 Note: Department permission required for enrolment	Semester 1 Semester 2
GOVT4102 Government Honours B	12	<b>P</b> Credit grades in two junior GOVT units, three senior GOVT units and GOVT2991 (or GOVT2091), GOVT3993 (or GOVT3991) and GOVT3994 (or GOVT3992). Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. <b>C</b> Must enrol in GOVT4101 and 4102 and 4103 and 4104	Semester 1 Semester 2
GOVT4103 Government Honours C	12	<b>P</b> Credit grades in two junior GOVT units, three senior GOVT units and GOVT2991 (or GOVT2091), GOVT3993 (or GOVT3991) and GOVT3994 (or GOVT3992). Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. <b>C</b> Must enrol in GOVT4101, 4102, 4103, and 4104	Semester 1 Semester 2
GOVT4104 Government Honours D	12	<b>P</b> Credit grades in two junior GOVT units, three senior GOVT units and GOVT2991 (or GOVT2091), GOVT3993 (or GOVT3991) and GOVT3994 (or GOVT3992). Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. <b>C</b> Must enrol in GOVT4101, 4102, 4103, and 4104	Semester 1 Semester 2
<b>Greek (Ancient)</b>			
GRKA1600 Introduction to Ancient Greek 1	6	<b>N</b> GRKA1001, GRKA2611, GRKA2620	Semester 1
GRKA1601 Introduction to Ancient Greek 2	6	<b>P</b> GRKA1600 or GRKA1001 <b>N</b> GRKA1002, GRKA2612, GRKA2621	Semester 2
GRKA2600 Intermediate Greek 1	6	<b>P</b> HSC Greek or GRKA1601 or GRKA2621 or GRKA2612 or GRKA1002 <b>N</b> GRKA2603 This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.	Semester 1
GRKA2601 Intermediate Greek 2	6	<b>P</b> GRKA2600 or GRKA2603 This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.	Semester 2
GRKA2620 Reading Greek 1	6	<b>N</b> GRKA1600, GRKA1001, GRKA2611	Semester 1
GRKA2621 Reading Greek 2	6	<b>P</b> GRKA1600 or GRKA2603 or GRKA2611 or GRKA2620 <b>N</b> GRKA1601, GRKA1002, GRKA2612	Semester 2
GRKA2804 Greek (Ancient) Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
GRKA2805 Greek (Ancient) Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
GRKA3600 Advanced Greek	6	<b>P</b> GRKA2601 or equivalent This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.	Semester 1
GRKA3601 The Language of the Greek Bible	6	<b>P</b> GRKA2600 or equivalent; OR MGRK2675 and MGRK2676 Students wishing to do a Greek (Ancient) major or honours are advised to take this unit concurrently with GRKA2601. This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.	Semester 2
GRKA3603 Greek Oratory and Historiography	6	<b>C</b> GRKA3600 or equivalent	Semester 1
GRKA3605 Greek Drama	6	<b>P</b> 18 GRKA credit points at 3000 level This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.	Semester 2
GRKA4011 Greek Honours A	12	<b>P</b> Credit average in 42 senior credit points of Greek including two of GRKA3603, 3604, 3605, 3606 plus 6 additional senior credit points of Greek, Latin or Ancient History. Note: Department permission required for enrolment	Semester 1 Semester 2
GRKA4012 Greek Honours B	12	<b>P</b> Refer to GRKA4011 <b>C</b> GRKA4011	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
GRKA4013 Greek Honours C	12	P Refer to GRKA4011 C GRKA4012	Semester 1 Semester 2
GRKA4014 Greek Honours D	12	P Refer to GRKA4011 C GRKA4013	Semester 1 Semester 2
<b>Hebrew (Classical)</b>			
HBRW1111 Hebrew Classical B1	6	N HBRW1311, HBRW2631	Semester 1
HBRW1112 Hebrew Classical B2	6	P HBRW1111 N HBRW1312, HBRW2632	Semester 2
HBRW2625 Hebrew Classical 5	6	P HBRW1112 or HBRW2632 or HBRW2402 or HSC Hebrew or equivalent N HBRW2115 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
HBRW2626 Hebrew Classical 6	6	P HBRW1112 or HBRW2632 or HSC Hebrew or equivalent N HBRW2116 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 2
HBRW2631 Hebrew Accelerated C1	6	P 18 Junior credit points including 12 credit points in a subject area from the School of Archaeology, Classics and Ancient History or from the Department of Hebrew, Biblical and Jewish Studies or from the Department of Arabic and Islamic Studies C 6 senior credit points in a subject area from the School of Archaeology, Classics and Ancient History or from the Department of Hebrew, Biblical and Jewish Studies or from the Department of Arabic and Islamic Studies. N HBRW1111, HBRW1112, HBRW2401	Semester 1
HBRW2632 Hebrew Accelerated C2	6	P HBRW2401 or HBRW2631 N HBRW1112, HBRW2402	Semester 2
HBRW2643 Aramaic 3	6	P HBRW1112 or HBRW2632 or HBRW2402 or HSC Hebrew or equivalent. N HBRW3901 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
HBRW2644 Aramaic 4	6	P HBRW1112 or HBRW2632 or HSC Hebrew equivalent N HBRW3902 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 2
HBRW2651 Syriac 1	6	P HBRW1112 or HBRW2402 or HBRW2632 or HSC Hebrew or equivalent N HBRW2911 <i>Note: Department permission required for enrolment</i>	Semester 1
HBRW2652 Syriac 2	6	P HBRW2911 or HBRW2651 N HBRW2912 <i>Note: Department permission required for enrolment</i>	Semester 2
HBRW2801 Hebrew (Classical) In-Country Study A	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HBRW2802 Hebrew (Classical) In-Country Study B	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HBRW3653 Syriac 3	6	P HBRW2912 or HBRW2652 N HBRW3911 <i>Note: Department permission required for enrolment</i>	Semester 1
HBRW3654 Syriac 4	6	P HBRW3911 or HBRW3653 N HBRW3912 <i>Note: Department permission required for enrolment</i>	Semester 2
HBRW4011 Hebrew (Classical) Honours A	12	P 48 senior credit points consisting of: (HBRW2113 or HBRW2623) and (HBRW2114 or HBRW2624) and (HBRW2115 or HBRW2625) and (HBRW2116 or HBRW2626); and 24 credit points from the department of Hebrew, Biblical and Jewish Studies including at least 12 credit points from HBRW units. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HBRW4012 Hebrew (Classical) Honours B	12	C HBRW4011	Semester 1 Semester 2
HBRW4013 Hebrew (Classical) Honours C	12	C HBRW4012	Semester 1 Semester 2
HBRW4014 Hebrew (Classical) Honours D	12	C HBRW4013	Semester 1 Semester 2
<b>Hebrew (Modern)</b>			
HBRW1011 Hebrew Modern B1	6		Semester 1
HBRW1102 Hebrew Modern B2	6	P HBRW1011 or equivalent knowledge as determined by the department N HBRW1302	Semester 2
HBRW2603 Hebrew Modern 3	6	P HBRW1102 or equivalent knowledge as determined by the department N HBRW2103	Semester 1
HBRW2604 Hebrew Modern 4	6	P HBRW2603 or equivalent knowledge as determined by the department N HBRW2104	Semester 2
HBRW2605 Hebrew Modern 5	6	P HBRW2604 or equivalent knowledge as determined by the department N HBRW2105	Semester 1
HBRW2606 Hebrew Modern 6	6	P HBRW2605 or equivalent knowledge as determined by the department N HBRW2106	Semester 2



<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
HBRW2607 Hebrew Modern 7	6	P HBRW2106 or HBRW2606 or Modern Hebrew HSC or equivalent knowledge as determined by the department N HBRW1301	Semester 1
HBRW2608 Hebrew Modern 8	6	P HBRW1301 or HBRW2607 or equivalent knowledge as determined by the department N HBRW1302	Semester 2
HBRW2609 Hebrew Modern 9	6	P HBRW1302 or HBRW2608 or equivalent knowledge as determined by the department N HBRW2303	Semester 1
HBRW2610 Hebrew Modern 10	6	P HBRW1302 or HBRW2609 or equivalent knowledge as determined by the department N HBRW2304	Semester 2
HBRW2611 Hebrew Modern 11	6	P HBRW2610 or equivalent knowledge as determined by the department N HBRW2305	Semester 1
HBRW2612 Hebrew Modern 12	6	P HBRW1302 or HBRW2611 or equivalent knowledge as determined by the department N HBRW2306	Semester 2
HBRW4021 Hebrew (Modern) Honours A	12	P Credit or better at 36 credit points of Modern Hebrew from among HBRW2605 to HBRW2612 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HBRW4022 Hebrew (Modern) Honours B	12	C HBRW4021	Semester 1 Semester 2
HBRW4023 Hebrew (Modern) Honours C	12	C HBRW4022	Semester 1 Semester 2
HBRW4024 Hebrew (Modern) Honours D	12	C HBRW4023	Semester 1 Semester 2
<b>Heritage Studies</b>			
HRTG2601 Approaching Heritage Studies	6	P At least 18 junior credit points N HRTG2001	Semester 1
HRTG2602 The Museum and Cultural Heritage	6	P HRTG2001 or HRTG2601 or ARHT2034 or ARHT2634 N HSTY2022	Semester 2
HRTG2804 Heritage Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HRTG2805 Heritage Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HRTG2806 Heritage Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HRTG2809 Heritage Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HRTG2810 Heritage Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HRTG3601 Heritage Museums and the Public Sphere	6	P HRTG2001 or HRTG2601 or ARHT2034 or ARHT2634 N HRTG3001	Semester 1
<b>Hindi-Urdu</b>			
(Major may not be available.)			
HIUR3601 Hindi and Urdu Advanced 1	6	P HIUR2002 or HIUR2602 or equivalent N HIUR3001	Semester 1
HIUR3602 Hindi and Urdu Advanced 2	6	P HIUR3001 or HIUR3601 or equivalent N HIUR3002	Semester 2
<b>History</b>			
HSTY1025 The Middle Ages	6		Semester 1
HSTY1031 Renaissance and Reformation (1498-1648)	6		Semester 2
HSTY1044 Twentieth Century Europe	6	N HSTY1043	Semester 2
HSTY1045 Modern European History 1750-1914	6		Semester 1
HSTY1076 American History from Lincoln to Clinton	6	N HSTY2035	Semester 1
HSTY1089 Australia: Colonies to Nation	6		Semester 2
HSTY1090 History of Chinese Culture	6	N ASNS1101	Semester 1
HSTY1801 History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HSTY1802 History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HSTY2604 Popular Culture in Australia 1850-1945	6	P 12 credit points of Junior History, Ancient History, or Asian Studies N HSTY2004	Semester 1 Winter Main
HSTY2605 Contemporary Europe	6	P 12 credit points of Junior History, Ancient History, or Asian Studies N HSTY2005	Semester 1 Winter Main

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
HSTY2608 European Film and History	6	P 12 credit points of Junior History, Ancient History, or Asian Studies N HSTY2008	Semester 1 Summer Main
HSTY2614 Australian Social History	6	P 12 credit points of Junior History, Ancient History, or Asian Studies N HSTY2014	Semester 2 Summer Main
HSTY2621 China's Economy: From Mao to Market	6	P 12 credit points of Junior History, Ancient History, or Asian Studies N HSTY2021	Semester 2
HSTY2622 The Opium Wars in China (1839-1860)	6	P 12 credit points of Junior History, Ancient History, or Asian Studies N HSTY2021	Semester 1
HSTY2625 Culture and Society in Modern Britain	6	P 12 credit points of Junior History, Ancient History, or Asian Studies N HSTY2025	Semester 1
HSTY2656 A House Divided: The American Civil War	6	P 12 credit points of Junior History, Ancient History, or Asian Studies N HSTY2056	Semester 2 Summer Late
HSTY2667 Politics and Cultures of US Imperialism	6	P 12 credit points of Junior History, Ancient History or Asian Studies N HSTY2067	Semester 2
HSTY2668 The Rise and Fall of the First Reich	6	P 12 credit points of Junior History, Ancient History or Asian Studies N HSTY2068	Semester 1
HSTY2674 Pilgrim to Backpacker: Travel Histories	6	P 12 credit points of Junior History, Ancient History or Asian Studies N HSTY3601, HSTY3001	Semester 1
HSTY2678 Race Around the World	6	P 12 credit points of Junior History, Ancient History, or Asian Studies	Semester 1
HSTY2681 Colonialism in Modern Asia	6	P 12 credit points of Junior History, Ancient History or Asian Studies	Semester 2
HSTY2683 Violence in Chinese History	6	P 12 credit points of Junior History, Ancient History, or Asian Studies	Semester 2
HSTY2684 Darwinism, Nationalism and Eugenics	6	P 12 credit points of Junior History, Ancient History, or Asian Studies N HSTY2661	Semester 2
HSTY2685 Gender and Historical Change: East Asia	6	P 12 credit points of Junior History, Ancient History or Asian Studies N ASNS2675	Semester 1
HSTY2686 Food, Environment and Culture in Europe	6	P 12 credit points of Junior History, Ancient History, or Asian Studies	Semester 1
HSTY2687 Alliance: Australia-USA Relations	6	P 12 credit points of Junior History, Ancient History, or Asian Studies	Semester 1
HSTY2690 Australia's Underworld: Stories & Method	6	P 12 credit points of Junior History, Ancient History or Asian Studies	Semester 2
HSTY2691 Writing History	6	P 12 credit points of Junior History, Ancient History, or Asian Studies N HSTY2901, ANHS2691 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
HSTY2805 History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HSTY2806 History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HSTY2809 History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HSTY2810 History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HSTY2811 History Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HSTY4011 History Honours A	12	P 48 senior credit points of History (up to 18 credit points of which may be cross-listed), including HSTY2691, with an average mark in those units of study of credit or better. Students who do not meet this requirement, however, may apply to the Honours Coordinator for a waiver to permit their entry into the honours program. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HSTY4012 History Honours B	12	P Refer to HSTY4011 C HSTY4011	Semester 1 Semester 2
HSTY4013 History Honours C	12	P Refer to HSTY4011 C HSTY4012	Semester 1 Semester 2
HSTY4014 History Honours D	12	P Refer to HSTY4011 C HSTY4013	Semester 1 Semester 2
<b>Indigenous Australian Studies</b>			
KOCR2600 Indigenous Australia: An Introduction	6	P 18 Junior credit points N KOCR2100	Semester 1 Semester 2
KOCR2601 Indigenous Australia: Land and Culture	6	P KOCR2100 or KOCR2600 N KOCR2101	Semester 2
KOCR2603 Indigenous Health and Communities	6	P KOCR2100 or KOCR2600	Semester 2
KOCR2604 Colours of Identity: Indigenous Bodies	6	C KOCR2100 or KOCR2600	Semester 1

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
KOCR2605 Speaking Gamilaraay 1	6		Semester 1
KOCR2607 Indigenous Creative Expression	6	P 18 junior credit points	Semester 1
<b>Indonesian Studies</b>			
INMS1101 Indonesian 1A	6	N Native or near native speakers of Indonesian or Malay, HSC Continuers, or Extension Indonesian or Beginners Indonesian with 75% or above or equivalent	Semester 1
INMS1102 Indonesian 1B	6	P INMS1101 N INMS1301, INMS1302	Semester 2
INMS2601 Indonesian 2A	6	P INMS1102 or HSC Continuers or Extension Indonesian or HSC Beginners Indonesian 75% and above or department permission N 8 credit point units of study numbered INMS2101 or above	Semester 1
INMS2602 Indonesian 2B	6	P INMS2101 or INMS2601 N 8 credit point units of study numbered INMS2102 or above	Semester 2
INMS2650 Indonesian In-Country Study A	6	P INMS1102 or INMS2101 or INMS2601 Note: Department permission required for enrolment	Semester 1 Semester 2
INMS2651 Indonesian In-Country Study B	6	P INMS1102 or INMS2101 or INMS2601 Note: Department permission required for enrolment	Semester 1 Semester 2
INMS2652 Indonesian In-Country Study C	6	P INMS1102 or INMS2101 or INMS2601 Note: Department permission required for enrolment	Semester 1 Semester 2
INMS2653 Indonesian In-Country Study D	6	P INMS1102 or INMS2101 or INMS2601 Note: Department permission required for enrolment	Semester 1 Semester 2
INMS2654 Indonesian In-Country Study E	6	P INMS1102 or INMS2101 or INMS2601 Note: Department permission required for enrolment	Semester 1 Semester 2
INMS2655 Indonesian In-Country Study F	6	P INMS1102 or INMS2101 or INMS2601 Note: Department permission required for enrolment	Semester 1 Semester 2
INMS2656 Indonesian In-Country Study G	6	P INMS1102 or INMS2101 or INMS2601 Note: Department permission required for enrolment	Semester 1 Semester 2
INMS2657 Indonesian In-Country Study H	6	P INMS1102 or INMS2101 or INMS2601 Note: Department permission required for enrolment	Semester 1 Semester 2
INMS2805 Indonesian Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
INMS2806 Indonesian Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
INMS2807 Indonesian Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
INMS2808 Indonesian Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
INMS3601 Indonesian 3A	6	P INMS2102 or INMS2602 or department permission N 8 credit point units of study numbered INMS3101 or above	Semester 1
INMS3602 Indonesian 3B	6	P INMS3101 or INMS3601 or departmental permission N 8 credit points of units of study numbered INMS3102 or above	Semester 2
INMS3603 Indonesian Advanced Studies A	6	P INMS3602 or INMS3102 or department permission N INMS3301, INMS3302 This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program	Semester 1
INMS3604 Indonesian Advanced Studies B	6	P INMS3602 or INMS3102 or department permission N INMS3302 This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program	Semester 2
INMS4011 Indonesian and Malay Studies Honours A	12	P A major in Indonesian Studies with a Credit average or better, or departmental permission. Note: Department permission required for enrolment	Semester 1 Semester 2
INMS4012 Indonesian and Malay Studies Honours B	12	C INMS4011	Semester 1 Semester 2
INMS4013 Indonesian and Malay Studies Honours C	12	C INMS4012	Semester 1 Semester 2
INMS4014 Indonesian and Malay Studies Honours D	12	C INMS4013	Semester 1 Semester 2
<b>International and Comparative Literary Studies</b>			
ICLS2622 Great Books 3: The Twentieth Century	6	P At least 18 Junior credit points from any department in the Faculty of Arts from Table A, of which 12 credit points are from one subject; or special permission from the Director of International and Comparative Literary Studies	Semester 1
ICLS2634 Literature and Revolution	6	P 18 credit points at Junior level from any department in the Faculty of Arts from Part A, of which 12 credit points are from one subject; or special permission by the Director of International and Comparative Literary Studies	Semester 1
ICLS2635 Science Fiction: The Future is Now	6	P 18 credit points at Junior level from any department in the Faculty of Arts from Part A, of which 12 credit points are from one subject; or special permission by the Director of International and Comparative Literary Studies.	Semester 2
ICLS2801 Int Comparative Literary Studies Exch	6	Note: Department permission required for enrolment	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>ICLS2802</b> Int Comparative Literary Studies Exch	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ICLS2803</b> Int Comparative Literary Studies Exch	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ICLS2804</b> Int Comparative Literary Studies Exch	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ICLS3630</b> International Sociology of Literature	6	<b>P</b> 18 junior credit points from any department in the Faculty of Arts from Table A of which 12 credit points are from one subject, or special permission from the Director of International and Comparative Literary Studies.	Semester 2
<b>ICLS4011</b> Int Comparative Literary Studies Hons A	12	<b>P</b> Credit average in 48 senior credit points of ICLS, of which at least 36 senior credit points should be from ICLS units including exchange units, and 12 may be from cross-listed units from the School of Languages and Cultures or the Department of English. A reading knowledge of one language other than English is also required. Students not meeting these criteria may apply for special permission from the Director of ICLS. Special transitional entry arrangements will be made for students undertaking Honours in 2010. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ICLS4012</b> Int Comparative Literary Studies Hons B	12	<b>C</b> ICLS4011	Semester 1 Semester 2
<b>ICLS4013</b> Int Comparative Literary Studies Hons C	12	<b>C</b> ICLS4012	Semester 1 Semester 2
<b>ICLS4014</b> Int Comparative Literary Studies Hons D	12	<b>C</b> ICLS4013	Semester 1 Semester 2
<b>International and Global Studies</b>			
<b>INGS1001</b> Power and Money in Global Society	6	<i>This unit is available only to students in the Bachelor of International and Global Studies</i>	Semester 1
<b>INGS1002</b> Global Culture and Society	6	<b>N</b> GBST1001 <i>This unit is available only to students in the Bachelor of International and Global Studies</i>	Semester 2
<b>INGS2601</b> Transnational Spaces and Networks	6	<b>P</b> INGS1001 and INGS1002 or permission from Bachelor of International and Global Studies Director. <i>This unit is available only to student in the Bachelor of International and Global Studies</i>	Semester 1
<b>Italian Studies</b>			
<b>ITLN1611</b> Introductory Italian 1	6	<b>N</b> ITLN1101, ITLN1201, ITLN1301, ITLN1621, ITLN1631 <i>A student who is qualified to enter a higher level course may not enrol in a lower level course. Students who have taken Beginners HSC Italian proceed to ITLN2611; students who have taken Continuers and / or Extension HSC Italian proceed to ITLN2631. Students who have any formal training or previous knowledge of Italian from other sources are required to identify themselves to the department as soon as possible.</i>	Semester 1
<b>ITLN1612</b> Introductory Italian 2	6	<b>P</b> ITLN1611, ITLN1101 or equivalent <b>N</b> ITLN1102, ITLN1202, ITLN1302, ITLN1632	Semester 2
<b>ITLN1801</b> Italian Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ITLN1802</b> Italian Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ITLN2611</b> Intermediate Italian 3	6	<b>P</b> ITLN1612, ITLN1102 or HSC Italian Beginners or equivalent language knowledge <b>N</b> ITLN2631, ITLN2101, ITLN2201, ITLN2301	Semester 1
<b>ITLN2612</b> Intermediate Italian 4	6	<b>P</b> ITLN2611, ITLN2101, or equivalent language knowledge. <b>N</b> ITLN2632, ITLN2202, ITLN2302	Semester 2
<b>ITLN2631</b> Senior Italian 3	6	<b>P</b> ITLN1632, ITLN1202, ITLN1302 or HSC Continuers or equivalent language knowledge <b>N</b> ITLN2611, ITLN2201, ITLN2101, ITLN2301	Semester 1
<b>ITLN2632</b> Senior Italian 4	6	<b>P</b> ITLN2631, ITLN2201 or ITLN2301 or equivalent language knowledge <b>N</b> ITLN2612, ITLN2202, ITLN2302	Semester 2
<b>ITLN2811</b> Italian Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ITLN2812</b> Italian Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ITLN2813</b> Italian Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ITLN2814</b> Italian Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ITLN2815</b> Italian Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ITLN2816</b> Italian Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ITLN2817</b> Italian Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ITLN3611</b> Senior Italian 5	6	<b>P</b> ITLN2612, ITLN2202 or equivalent language knowledge <b>N</b> ITLN3631, ITLN3201, ITLN3301	Semester 1
<b>ITLN3612</b> Senior Italian 6	6	<b>P</b> ITLN3611, ITLN3201 or equivalent language knowledge <b>N</b> ITLN3202, ITLN3302	Semester 2
<b>ITLN3631</b> Senior Italian 7	6	<b>P</b> ITLN2632, ITLN2302 or equivalent language knowledge <b>N</b> ITLN3611, ITLN3301, ITLN3201	Semester 1

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>ITLN3662</b> Machiavelli and Renaissance Italy	6	<b>P</b> 18 junior credit points from Part A of the Table of Units of Study <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>ITLN3668</b> Issues of Language and Society in Italy	6	<b>P</b> One of ITLN1612, ITLN1632, ITLN1202, ITLN1302, ITLN2611, ITLN2631 or equivalent language knowledge <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program</i>	Semester 2
<b>ITLN3671</b> Dante: Inferno	6	<b>P</b> ITLN2611 or ITLN2631 <b>N</b> ITLN3701 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>ITLN3678</b> Contemporary Italian Fiction	6	<b>P</b> ITLN1612, ITLN1632, ITLN1202, ITLN1302, ITLN2611, ITLN2631 or equivalent language knowledge <b>N</b> ITLN3713	Semester 1
<b>ITLN3679</b> Filming Fiction: The Italian Experience	6	<b>P</b> One of ITLN1612, ITLN1632, ITLN1102, ITLN1202, ITLN1302, HSC Italian Continuers or Beginners or equivalent language knowledge	Semester 1
<b>ITLN3681</b> Representations of Southern Italy	6	<b>P</b> One of ITLN1632, ITLN2612, ITLN1202, ITLN1302, HSC Italian Continuers or equivalent language knowledge <b>N</b> ITLN3761	Semester 2
<b>ITLN3687</b> Focus on Writing in Italian	6	<b>P</b> One of ITLN3631, ITLN3612, ITLN3301, ITLN3202 or equivalent language knowledge; <b>N</b> ITLN3401	Semester 1
<b>ITLN3688</b> Advanced Italian: Translation	6	<b>P</b> One of ITLN3611, ITLN3612, ITLN3631, ITLN3202, ITLN3301 or equivalent language knowledge <b>N</b> ITLN3402	Semester 2
<b>ITLN3691</b> Italian Literature: 1200-1860	6	<b>P</b> Credit in 12 credit points of Italian or 80% in HSC Italian Continuers <b>N</b> ITLN2902 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program. It is also strongly recommended for intending Exchange students.</i>	Semester 2
<b>ITLN4011</b> Italian Honours A	12	<b>P</b> Students must have qualified for the award of the pass degree with a major in Italian (36 senior credit points). They will have completed an additional 12 credit points, normally including the special entry unit ITLN3691. Intending Honours students should attain a Credit average result in senior Italian units of study taken as a part of their major. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ITLN4012</b> Italian Honours B	12	<b>C</b> ITLN4011	Semester 1 Semester 2
<b>ITLN4013</b> Italian Honours C	12	<b>C</b> ITLN4012	Semester 1 Semester 2
<b>ITLN4014</b> Italian Honours D	12	<b>C</b> ITLN4013	Semester 1 Semester 2
<b>Japanese Studies</b>			
<b>JPNS1611</b> Japanese 1	6	<b>N</b> JPNS1111, any HSC Japanese Course	Semester 1 Summer Main Winter Main
<b>JPNS1612</b> Japanese 2	6	<b>P</b> JPNS1111 or JPNS1611 <b>N</b> JPNS1121	Semester 2
<b>JPNS1801</b> Japanese Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>JPNS1802</b> Japanese Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>JPNS2611</b> Japanese 3	6	<b>P</b> 65% or more in HSC Japanese Beginners or less than 70% in Japanese Continuers, or JPNS1121 or JPNS1612 <b>N</b> JPNS1114, JPNS2212	Semester 1
<b>JPNS2612</b> Japanese 4	6	<b>P</b> JPNS1114 or JPNS2212 or JPNS2611 <b>N</b> JPNS1124, JPNS2222	Semester 2
<b>JPNS2621</b> Japanese 5	6	<b>P</b> HSC Japanese Extension or Japanese Continuers 70% or above or equivalent determined by the department; or JPNS1124 or JPNS2222 or JPNS2612 <b>N</b> JPNS2213	Semester 1
<b>JPNS2622</b> Japanese 6	6	<b>P</b> JPNS2621 or JPNS2213 <b>N</b> JPNS2223	Semester 2
<b>JPNS2660</b> Introduction to Japan	6	<b>P</b> JPNS1121 or JPNS1612 <b>N</b> JPNS2622, JPNS3622, JPNS3632	Semester 2
<b>JPNS2670</b> Modern Japanese Literary Masterpieces	6	<b>P</b> JPNS1124 or JPNS2222 (from 2007, JPNS2612) <b>N</b> JPNS3116; JPNS3621; JPNS2301; JPNS3631; JPNS3301	Semester 1
<b>JPNS2671</b> Japanese Sociolinguistics	6	<b>P</b> JPNS1124 or JPNS2222 or JPNS2612 or equivalent, by departmental permission <b>N</b> JPNS3621, JPNS3622, JPNS3631, JPNS3632, JPNS2301, JPNS2302, JPNS3301, JPNS3302, JPNS3114	Semester 2
<b>JPNS2672</b> Japanese Media Culture and New Japan	6	<b>P</b> JPNS1124 or JPNS2222 or JPNS2612 <b>N</b> JPNS3106, JPNS3621, JPNS3631	Semester 1
<b>JPNS2811</b> Japanese Exchange 3	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>JPNS2812</b> Japanese Exchange 4	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>JPNS2813</b> Japanese Exchange 5	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
JPNS2814 Japanese Exchange 6	6	Note: Department permission required for enrolment	Semester 1 Semester 2
JPNS2815 Japanese Exchange 7	6	Note: Department permission required for enrolment	Semester 1 Semester 2
JPNS3621 Japanese 7	6	P JPNS1123 or JPNS2223 or JPNS2622 N JPNS2301	Semester 1
JPNS3622 Japanese 8	6	P JPNS3621 or JPNS2301 N JPNS2302	Semester 2
JPNS3631 Japanese 9	6	P JPNS2302 or JPNS3622 N JPNS3301	Semester 1
JPNS3632 Japanese 10	6	P JPNS3301 or JPNS3631 N JPNS3302	Semester 2
JPNS3673 Japanese Society	6	P JPNS1123 or JPNS2223 or JPNS2622 or JPNS1125 N JPNS3314	Semester 2
JPNS3675 Japanese Cinema	6	P JPNS2622 This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program	Semester 1
JPNS3676 Monsters & Ghosts: Japanese Fantasy & SF	6	P JPNS1123 or JPNS1125 or JPNS2223 or JPNS2622	Semester 1
JPNS3841 Japan In-Country Study 1	6	P 12 Junior JPNS credit points Note: Department permission required for enrolment	Semester 1 Semester 2
JPNS3842 Japan In-Country Study 2	6	P 12 Junior JPNS credit points Note: Department permission required for enrolment	Semester 1 Semester 2
JPNS4011 Japanese Honours A	12	P Credit average or better in the major plus 12 additional senior credit points, including ASNS3690 Approaches to Research in Asian Studies. They may include one 6-credit point Japan-related Asian Studies unit of study. Note: Department permission required for enrolment	Semester 1 Semester 2
JPNS4012 Japanese Honours B	12	C JPNS4011	Semester 1 Semester 2
JPNS4013 Japanese Honours C	12	C JPNS4012	Semester 1 Semester 2
JPNS4014 Japanese Honours D	12	C JPNS4013	Semester 1 Semester 2
<b>Jewish Civilisation, Thought and Culture</b>			
JCTC1001 Palestine: Roman Rule to Islam	6		Semester 1
JCTC1002 Jewish Settlement Outside Palestine	6	P JCTC1001	Semester 2
JCTC1801 Jewish Civilization Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
JCTC2603 Jews Under the Crescent and the Cross	6	P JCTC1001 or one of HSTY1022, HSTY1031, HSTY1043, HSTY1044, HSTY1045, HSTY1076, HSTY1088, RLST1001, RLST1002 N JCTC2003 This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.	Semester 1
JCTC2604 From Expulsion to Regeneration	6	P JCTC1001 or one of HSTY1022, HSTY1031, HSTY1043, HSTY1044, HSTY1045, HSTY1076, HSTY1088, RLST1001, RLST1002 N JCTC2004 This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.	Semester 2
JCTC2605 From Emancipation to the Holocaust	6	P JCTC1001 or one of HSTY1022, HSTY1031, HSTY1043, HSTY1044, HSTY1045, HSTY1076, HSTY1088 This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.	Semester 1
JCTC2606 The Holocaust: History and Aftermath	6	P JCTC1001 or 6 junior credit points from History. N JCTC2006 This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.	Semester 2
JCTC2607 Israel in the Modern Middle East	6	P JCTC1001 or one of HSTY1022, HSTY1025, HSTY1031, HSTY1043, HSTY1044, HSTY1045 This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.	Semester 1
JCTC2811 Jewish Civilisation Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
JCTC2812 Jewish Civilisation Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
JCTC2813 Jewish Civilisation Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
JCTC2814 Jewish Civilisation Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
JCTC2815 Jewish Civilization Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2
JCTC2816 Jewish Civilisation Exchange	6	Note: Department permission required for enrolment	Semester 1 Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
JCTC4011 Judaic Studies Honours A	12	<b>P</b> A major in Jewish Civilisation with a Credit average, plus 12 credit points in an associated language (Hebrew Classical OR Hebrew Modern OR Yiddish) or an Honours preparation course from an associated discipline (History, Government or Studies of Religion). <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
JCTC4012 Judaic Studies Honours B	12	<b>C</b> JCTC4011	Semester 1 Semester 2
JCTC4013 Judaic Studies Honours C	12	<b>C</b> JCTC4012	Semester 1 Semester 2
JCTC4014 Judaic Studies Honours D	12	<b>C</b> JCTC4013	Semester 1 Semester 2
<b>Korean Studies</b>			
KRNS1621 Korean 1	6	<b>N</b> KRNS1101	Semester 1
KRNS1622 Korean 2	6	<b>P</b> KRNS1621 or KRNS1101 <b>N</b> KRNS1102	Semester 2
KRNS1801 Korean Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
KRNS2621 Korean 3	6	<b>P</b> KRNS1102 or KRNS1622 <b>N</b> KRNS2001	Semester 1
KRNS2622 Korean 4	6	<b>P</b> KRNS2001 or KRNS2621 <b>N</b> KRNS2002	Semester 2
KRNS2671 Translation and Interpretation	6	<b>P</b> KRNS1302 or KRNS1632 or native speakers of Korean <b>N</b> KRNS2400	Semester 1
KRNS2675 Contemporary Korean Society and Culture	6	<b>P</b> 12 junior credit points in Arts <b>N</b> KRNS2500	Semester 1
KRNS2681 Korean In-Country Study A	6	<b>P</b> KRNS1101 or KRNS1621 or KRNS1301 or KRNS1631 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
KRNS2682 Korean In-Country Study B	6	<b>P</b> KRNS1101 or KRNS1621 or KRNS1301 or KRNS1631 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
KRNS2811 Korean Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
KRNS2812 Korean Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
KRNS2813 Korean Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
KRNS2814 Korean Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
KRNS2815 Korean Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
KRNS3621 Korean 5	6	<b>P</b> KRNS2002 or KRNS2622 <b>N</b> KRNS3001	Semester 1
KRNS3622 Korean 6	6	<b>P</b> KRNS3001 or KRNS3621 <b>N</b> KRNS3002	Semester 2
KRNS4011 Korean Honours A	12	<b>P</b> Students must obtain a Credit average or better in their Korean Studies major and have taken an additional 12 credit points from KRNS or cross-listed ASNS units, including ASNS3690: Approaches to Research in Asian Studies. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
KRNS4012 Korean Honours B	12	<b>C</b> KRNS4011	Semester 1 Semester 2
KRNS4013 Korean Honours C	12	<b>C</b> KRNS4012	Semester 1 Semester 2
KRNS4014 Korean Honours D	12	<b>C</b> KRNS4013	Semester 1 Semester 2
<b>Latin</b>			
LATN1600 Introductory Latin 1	6	<b>N</b> LATN1001, LATN2611, LATN2620	Semester 1
LATN1601 Introductory Latin 2	6	<b>P</b> LATN1600 or LATN1001 or LATN2611 <b>N</b> LATN1002, LATN2612, LATN2621	Semester 2
LATN1801 Latin Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LATN1802 Latin Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LATN2600 Intermediate Latin 1	6	<b>P</b> HSC Latin or LATN1601 or LATN2612 or LATN2621 or LATN1002 <b>N</b> LATN2603, LATN1101 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
LATN2601 Intermediate Latin 2	6	<b>P</b> LATN2600 or LATN1101 <b>N</b> LATN1102 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 2
LATN2620 Reading Latin 1	6	<b>N</b> LATN1600, LATN1001, LATN2611	Semester 1

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
LATN2621 Reading Latin 2	6	<b>P</b> LATN2620 or LATN2611 <b>N</b> LATN1601, LATN1002, LATN2612	Semester 2
LATN2804 Latin Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LATN2805 Latin Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LATN2806 Latin Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LATN2810 Latin Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LATN2811 Latin Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LATN3600 Advanced Latin	6	<b>P</b> LATN2601 or LATN2604 or LATN1102 <b>N</b> LATN3607 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
LATN3601 Latin Epic 1	6	<b>C</b> LATN2601 or LATN1102 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 2
LATN3604 Latin Republican Poetry	6	<b>C</b> LATN3600 or LATN3607 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
LATN3606 Latin Imperial Prose	6	<b>P</b> LATN3600 or LATN3607 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 2
LATN4011 Latin Honours A	12	<b>P</b> Credit average in 42 senior credit points of Latin including two of LATN3603, 3604, 3605, 3606 plus 6 additional senior credit points of Greek, Latin or Ancient History. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LATN4012 Latin Honours B	12	<b>P</b> Refer to LATN4011 <b>C</b> LATN4011	Semester 1 Semester 2
LATN4013 Latin Honours C	12	<b>P</b> Refer to LATN4011 <b>C</b> LATN4012	Semester 1 Semester 2
LATN4014 Latin Honours D	12	<b>P</b> Refer to LATN4011 <b>C</b> LATN4013	Semester 1 Semester 2
<b>Legal Studies</b>			
<b>(For continuing Bachelor of Arts and Sciences students only - no major available.)</b>			
SLSS1001 Introduction to Socio-Legal Studies	6	<i>Available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only</i>	Semester 1
SLSS1003 Law and Contemporary Society	6	<i>Available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only</i>	Semester 2
<b>Linguistics</b>			
LNGS1001 Structure of Language	6	<b>N</b> LNGS1004, LNGS1005	Semester 1
LNGS1002 Language and Social Context	6		Semester 2
LNGS1801 Linguistics Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LNGS2602 Syntax	6	<b>P</b> LNGS1001 or LNGS1005 or LNGS1004 <b>N</b> LNGS2002 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
LNGS2603 Functional Grammar	6	<b>P</b> One of ENGL1000, ENGL1005, ENGL2619, ENGL2647, LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005, LNGS2601, LNGS2602, LNGS2604, LNGS2620, LNGS2621, MECO1001, MECO1003, WRIT1001 <b>N</b> LNGS2003	Semester 1
LNGS2604 Discourse Analysis	6	<b>P</b> One of ENGL1000, ENGL1005, ENGL2619, ENGL2647, LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005, LNGS2601, LNGS2602, LNGS2603, LNGS2620, LNGS2621, MECO1001, MECO1003, WRIT1001 <b>N</b> LNGS2004	Semester 2
LNGS2613 Computer Applications in Linguistics	6	<b>P</b> Two of LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005, WRIT1001 <b>N</b> LNGS2027, LNGS2007	Semester 2
LNGS2614 Language Acquisition	6	<b>P</b> Two of LNGS1001, LNGS1002, LNGS1003, LNGS1004 LNGS1005, WRIT1001	Semester 2
LNGS2615 Language, Brain and Mind	6	<b>P</b> Two of LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005, WRIT1001, LNGS2620 and LNGS2621	Semester 1
LNGS2620 Phonetics	6	<b>P</b> LNGS1001 <b>N</b> LNGS2601 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
LNGS2621 Phonology	6	<b>P</b> LNGS1001 <b>N</b> LNGS2601 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
LNGS2805 Linguistics Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2



<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
LNGS2806 Linguistics Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LNGS2809 Linguistics Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LNGS2810 Linguistics Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LNGS2811 Linguistics Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LNGS2812 Linguistics Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LNGS3601 Semantics and Pragmatics	6	<b>P</b> one of LNGS2602 [Syntax], LNGS2603 [Functional Grammar], ENGL2619 [Semiotics of Language] and ENGL2653 [Varieties of English Grammar] <b>N</b> LNGS3026, LNGS3006 <i>Compulsory for Honours students; other students may select as an option. This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1
LNGS3604 Field Methods	6	<b>P</b> Credit average in 18 senior credit points of Linguistics including three of: LNGS2601 (or LNGS2001), LNGS2602 (or LNGS2002), LNGS2603 (or LNGS2003) or LNGS2604 (or LNGS2004), LNGS2620, LNGS2621 <b>N</b> LNGS3925 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
LNGS3606 Phonological Theory	6	<b>P</b> LNGS2601 or (LNGS2620 and LNGS2621) <b>N</b> LNGS3002	Semester 1
LNGS3608 Corpus Linguistics and Linguistic Theory	6	<b>P</b> LNGS2601 [or LNGS2001] and one of LNGS2602, LNGS2002, LNGS2003, LNGS2603 <i>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1 Semester 2
LNGS3690 Issues in Theoretical Linguistics	6	<b>P</b> Credit average in 18 senior credit points of Linguistics. The units must include LNGS2601 [or LNGS2001], and at least one of LNGS2602, LNGS2002, LNGS2003 and LNGS2603 <b>N</b> LNGS3914	Semester 1 Semester 2
LNGS3699 Linguistics Research Issues	6	<b>P</b> Credit average in 18 senior credit points in linguistics, including at least 2 of LNGS2601, LNGS2001, LNGS2602, LNGS2002, LNGS2603, LNGS2003, LNGS2604, LNGS2004, LNGS2620, LNGS2621. <b>N</b> LNGS3940 <i>Note: Department permission required for enrolment This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</i>	Semester 1 Semester 2
LNGS4011 Linguistics Honours A	12	<b>P</b> Prerequisites: Credit average in 48 senior credits points, including at least three of the five units LNGS3601, LNGS2602, LNGS2604, LNGS2620, LNGS2621. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
LNGS4012 Linguistics Honours B	12	<b>C</b> LNGS4011	Semester 1 Semester 2
LNGS4013 Linguistics Honours C	12	<b>C</b> LNGS4012	Semester 1 Semester 2
LNGS4014 Linguistics Honours D	12	<b>C</b> LNGS4013	Semester 1 Semester 2
<b>Media and Communications</b>			
MECO1001 Australian Media Studies	6	<i>Available to BA (Media and Comm) and BSc (Media and Comm) students only.</i>	Semester 1
MECO1003 Principles of Media Writing	6	<i>Available to BA (Media and Comm) and BSc (Media and Comm) students only.</i>	Semester 2
MECO2601 Radio Broadcasting	6	<b>P</b> 12 junior credit points of MECO units <b>N</b> MECO2001 <i>Available to BA (Media and Comm) and BSc (Media and Comm) students only.</i>	Semester 1
MECO2603 Media Relations	6	<b>P</b> 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) <b>N</b> MECO2003 <i>Available to BA(Media and Comm) and BSc (Media and Comm) students only.</i>	Semester 2
MECO2805 Media and Communications Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
MECO2806 Media and Communications Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
MECO2807 Media and Communications Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
MECO2808 Media and Communications Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
MECO3601 Video Production	6	<b>P</b> 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) <b>N</b> MECO3001 <i>Available to BA (Media and Comm) and BSc (Media and Comm) students only.</i>	Semester 2
MECO3602 Online Media	6	<b>P</b> 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) <b>N</b> MECO3002 <i>Available to BA(Media and Comm) and BSc (Media and Comm) students only.</i>	Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>MECO3603</b> Media, Law and Ethics	6	<b>P</b> 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) <b>N</b> MECO3003 <i>Available to BA(Media and Comm) and BSc (Media and Comm) students only.</i>	Semester 1
<b>MECO3605</b> Media Globalisation	6	<b>P</b> 12 Junior credit points to MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) <b>N</b> MECO3005 <i>Available to BA (Media and Comm) and, subject to departmental approval, students undertaking a major in Cultural Studies.</i>	Semester 1
<b>MECO3606</b> Advanced Media Writing	6	<b>P</b> 12 Junior credit points to MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) <b>N</b> MECO3006 <i>Available to BA(Media and Comm) and BSc (Media and Comm) students only.</i>	Semester 2
<b>MECO3609</b> Critical Practice in Media	6	<b>P</b> 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) <i>Available to BA(Media and Comm) and BSc (Media and Comm) students only.</i>	Semester 2
<b>MECO3671</b> Media and Communications Internship	6	<b>P</b> 30 senior credit points of MECO, including (MECO3603 or MECO3003). Students may not enrol in MECO3671 prior to the second semester of their 3rd year. <b>N</b> MECO3701, MECO3702 <i>Available to BA(Media and Comm) and BSc (Media and Comm) students only.</i>	Semester 1 Semester 2
<b>MECO3672</b> Internship Project	6	<b>P</b> 30 senior credit points of MECO, including two of (MECO3602, MECO3603, MECO3002, MECO3003). Students may not enrol in MECO3672 prior to the first semester of their 4th year. <b>C</b> MECO3671 <b>N</b> MECO3701, MECO3702 <i>All students must attend the Week One lecture, at which they sign up for one of 3 cycles of 4 x 3-hour seminars.</i>	Semester 1 Semester 2
<b>MECO4011</b> Media and Communications Honours A	12	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MECO4012</b> Media and Communications Honours B	12	<b>C</b> MECO4011	Semester 1 Semester 2
<b>MECO4013</b> Media and Communications Honours C	12	<b>C</b> MECO4012	Semester 1 Semester 2
<b>MECO4014</b> Media and Communications Honours D	12	<b>C</b> MECO4013	Semester 1 Semester 2
<b>MECO4601</b> Honours Research Methods A	6	<i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Media and Communications Honours prior to 2010</i>	Semester 1 Semester 2
<b>MECO4602</b> Honours Research Methods B	6	<b>C</b> MECO4601 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Media and Communications Honours prior to 2010</i>	Semester 1 Semester 2
<b>MECO4603</b> Honours Seminar A	6	<i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Media and Communications Honours prior to 2010</i>	Semester 1 Semester 2
<b>MECO4604</b> Honours Seminar B	6	<b>C</b> MECO4603 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Media and Communications Honours prior to 2010</i>	Semester 1 Semester 2
<b>MECO4605</b> Honours Thesis A	6	<i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Media and Communications Honours prior to 2010</i>	Semester 1 Semester 2
<b>MECO4606</b> Honours Thesis B	6	<b>C</b> MECO4605 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Media and Communications Honours prior to 2010</i>	Semester 1 Semester 2
<b>MECO4607</b> Honours Thesis C	6	<b>C</b> MECO4606 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Media and Communications Honours prior to 2010</i>	Semester 1 Semester 2
<b>MECO4608</b> Honours Thesis D	6	<b>C</b> MECO4607 <i>Note: Department permission required for enrolment</i> <i>Available only to students who commenced Media and Communications Honours prior to 2010</i>	Semester 1 Semester 2
<b>Medieval Studies</b>			
<b>MDST2608</b> The First Crusade	6	<b>P</b> At least 18 junior credit points from part A of the Table of units of study of which 12 credit points are from one subject. <b>N</b> MDST2008 <i>This unit of study may be counted towards a major in History</i>	Semester 2
<b>MDST2609</b> Crusade and Jihad	6	<b>P</b> At least 18 Junior credit points from Part A of the Table of units of study, of which 12 credit points are from one subject. <i>This Unit of Study may be counted towards a Major in History.</i>	Semester 2
<b>MDST2614</b> The Legend of King Arthur	6	<b>P</b> At least 18 junior credit points from Part A of the Table of units of study, of which 12 credit points are from one subject. <i>This unit of study may be counted towards a Major in History.</i>	Semester 1
<b>MDST2615</b> Intellectual History of the Middle Ages	6	<b>P</b> At least 18 junior credit points from Part A of the Table of units of study, of which 12 credit points are from one subject. <i>This unit of study may be counted towards a Major in History.</i>	Semester 1
<b>MDST4011</b> Medieval Studies Honours A	12	<b>P</b> Units of study to the value of at least 48 Senior credit points from Medieval Studies units of study or from cross-listed units of study (including at least two MDST units of study to the value of 12 credit points), all with a credit average <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MDST4012</b> Medieval Studies Honours B	12	<b>C</b> MDST4011	Semester 1 Semester 2
<b>MDST4013</b> Medieval Studies Honours C	12	<b>C</b> MDST4012	Semester 1 Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>MDST4014</b> Medieval Studies Honours D	12	C MDST4013	Semester 1 Semester 2
<b>Modern Greek Studies</b>			
<b>MGRK1601</b> Junior Modern Greek 1	6	N MGRK1101	Semester 1
<b>MGRK1602</b> Junior Modern Greek 2	6	P MGRK1101 or MGRK1601 N MGRK1102	Semester 2
<b>MGRK1621</b> Junior Modern Greek 3	6	P Modern Greek Continuers or Modern Greek Extension or equivalent language proficiency as determined by the department N MGRK1101, MGRK1501, MGRK1401	Semester 1
<b>MGRK1622</b> Junior Modern Greek 4	6	P MGRK1621 or MGRK1401 or equivalent language proficiency as determined by the department N MGRK1101, MGRK1102, MGRK1402	Semester 2
<b>MGRK2601</b> Senior Modern Greek 1	6	P MGRK1102 or MGRK1602 or special permission by the department N MGRK1501, MGRK2001	Semester 1
<b>MGRK2602</b> Senior Modern Greek 2	6	P MGRK2001 or MGRK2601 or special permission by the department N MGRK1502, MGRK2002	Semester 2
<b>MGRK2603</b> Style and Expression	6	P MGRK1402 or MGRK1622 or MGRK2002 or MGRK2602 or special permission by the department N MGRK2203	Semester 1
<b>MGRK2609</b> Theory and Practice of Translation A	6	P MGRK1202 or MGRK1402 or MGRK1622 or MGRK2002 or MGRK2602 or special permission by the department N MGRK3210	Semester 2
<b>MGRK2621</b> Greek Modernism	6	P At least 18 junior credit points from Part A of the table of units of study, of which 12 credit points are from 1 subject, or special permission by the chair of department N MGRK2508	Semester 1
<b>MGRK2631</b> Cultural Identities	6	P At least 18 junior credit points from part A of the table of units of study, of which 12 credit points are from one subject, or special permission by the Chair of the department.	Semester 1
<b>MGRK2633</b> Social Norms/Stereotypes in Greek Cinema	6	P At least 18 junior credit points from Part A of the table of units of study, of which 12 credit points are from one subject, or special permission by the chair of department N MGRK2513	Semester 2
<b>MGRK2653</b> Sex, Drugs and Music in Modern Greece	6	P 12 Junior credit points in any subject N MGRK2523	Semester 2
<b>MGRK2675</b> New Testament Greek and its World A	6	P 12 junior credit points in any subject N MGRK2525	Semester 1
<b>MGRK2676</b> New Testament Greek and its World B	6	P 12 junior credit points in any subject N MGRK2526	Semester 2
<b>MGRK2691</b> Sociolinguistics in the Greek Diaspora	6	P Credit or above in MGRK1402 or MGRK1622 or MGRK2002 or MGRK2602 or special permission by the department N MGRK2904 <i>Note: Department permission required for enrolment</i>	Semester 1
<b>MGRK2811</b> Modern Greek Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MGRK2812</b> Modern Greek Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MGRK2813</b> Modern Greek Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MGRK2814</b> Modern Greek Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MGRK2815</b> Modern Greek Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MGRK3692</b> Theories of Literature	6	P Credit or above in MGRK1402 or MGRK1622 or MGRK2002 or MGRK2602 or Special Entry Eligibility form signed by the chair of department N MGRK3901 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>MGRK4011</b> Modern Greek Honours A	12	P A major in Modern Greek plus 16 additional credit points which must include MGRK2904 and MGRK3901 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MGRK4012</b> Modern Greek Honours B	12	C MGRK4011	Semester 1 Semester 2
<b>MGRK4013</b> Modern Greek Honours C	12	C MGRK4012	Semester 1 Semester 2
<b>MGRK4014</b> Modern Greek Honours D	12	C MGRK4013	Semester 1 Semester 2
<b>Music</b>			
<b>MUSC1501</b> Concepts of Music	6	P At least 67% in the NSW HSC Music 2 or 3-unit Music Extension, IB High Level Music or the equivalent skills as determined by the Chair of Unit N MUSC1503, MUSC1504 <i>The Arts Music Unit holds a diagnostic test in the week before Semester 1 begins for those students who have not passed the prescribed HSC courses yet believe they have the equivalent aural and harmonic skills to attend Concepts of Music. Please phone the Unit for details by mid February.</i>	Semester 1
<b>MUSC1503</b> Fundamentals of Music I	6	N MUSC1501	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>MUSC1504</b> Fundamentals of Music II	6	<b>A</b> Material covered in MUSC1503. Students interested in taking this course who have not completed MUSC1503 must see the lecturer beforehand to ascertain that they have the required knowledge. <b>N</b> MUSC1501	Semester 2
<b>MUSC1506</b> Music in Western Culture	6	<b>A</b> The ability to follow a musical score while listening to the music and some prior knowledge of elementary music theory.	Semester 2
<b>MUSC1507</b> Sounds, Screens, Speakers: Music & Media	6		Semester 1
<b>MUSC2612</b> Arts Music Concert Performance 1	6	<b>P</b> 18 junior credit points, AND audition (contact the Unit one week before semester begins) <i>Note: Department permission required for enrolment</i>	Semester 1
<b>MUSC2613</b> Arts Music Concert Performance 2	6	<b>P</b> MUSC2612 Arts Music Concert Performance 1	Semester 2
<b>MUSC2614</b> Composition Workshop 1	6	<b>P</b> 12 junior credit points in music.	Semester 2
<b>MUSC2618</b> Arts Music Ensemble 1	6	<b>P</b> 18 junior credit points in no more than two subject areas. Some ensemble groups require an audition as well. <i>Note: Department permission required for enrolment</i>	Semester 1
<b>MUSC2619</b> Arts Music Ensemble 2	6		Semester 1
<b>MUSC2621</b> The Mediaeval Spanish Melting Pot	6	<b>A</b> Ability to read and comprehend musical notation and terminology <b>P</b> 18 Junior credit points <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>MUSC2631</b> Fieldwork, Ethnography and Transcription	6	<b>P</b> 12 junior music credit points. Students will normally have completed either MUSC1501 Concepts of Music or MUSC1504 Fundamentals of Music II. <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>MUSC2651</b> Australian and Asian Music 1	6	<b>P</b> 18 junior credit points <i>An ability to read music at a basic level and an understanding of fundamental musical terminology would be an advantage in this unit of study but is not essential</i>	Semester 2
<b>MUSC2653</b> Introduction to Digital Music Techniques	6	<b>P</b> 18 Junior credit points <i>An ability to read music at a basic level and an understanding of fundamental musical terminology would be an advantage in this unit of study but is not essential</i>	Semester 1
<b>MUSC2654</b> Popular Music	6	<b>P</b> 18 junior credit points <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>MUSC2662</b> Film Music	6	<b>P</b> 18 junior credit points <i>An ability to read music at a basic level and an understanding of fundamental musical terminology would be an advantage in this unit of study but is not essential.</i>	Semester 1
<b>MUSC2666</b> A Global Sound: African American Music	6	<b>P</b> 18 junior credit points.	Semester 2
<b>MUSC2670</b> Music Festivals and their Administration	6	<b>P</b> 18 junior credit points.	Semester 1
<b>MUSC2672</b> A Certain Beat: Australian Popular Music	6	<b>P</b> 18 junior credit points.	Semester 1
<b>MUSC2673</b> First Nights: Musical Premieres	6	<b>P</b> 30 junior credit points in any subject area	Semester 2
<b>MUSC2674</b> History of the Musical	6	<b>P</b> 30 junior credit points	Semester 2
<b>MUSC2679</b> The Music of Christianity	6	<b>P</b> 30 junior credit points.	Semester 2
<b>MUSC2691</b> Revolutionary Voices: Music and Politics	6	<b>P</b> 18 junior credit points.	Semester 1
<b>MUSC2693</b> Advanced Fundamentals of Music	6	<b>A</b> Material covered in MUSC1504 Fundamentals of Music 2 <b>P</b> MUSC1504 Fundamentals of Music 2 or advanced music theory qualifications (eg 6th grade musicianship, 1B high level music) <b>N</b> MUSC1501 Concepts of Music, MUSC2615 Advanced Concepts	Semester 1
<b>MUSC2810</b> Music Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MUSC2812</b> Music Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MUSC2813</b> Music Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MUSC3604</b> Arts Music Concert Performance 3	6	<b>P</b> MUSC2613 Arts Music Concert Performance 2	Semester 1
<b>MUSC3605</b> Arts Music Concert Performance 4	6	<b>P</b> MUSC3604 Arts Music Concert Performance 3	Semester 2
<b>MUSC3609</b> Musicology	6	<b>P</b> 12 junior credit points in music <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>MUSC3611</b> Composition Workshop 2	6	<b>P</b> MUSC2614 Composition Workshop 1	Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>MUSC4011</b> Music Honours A	12	<b>P</b> Credit results in MUSC3609 Musicology, and either MUSC2631 Fieldwork, Ethnography & Transcription or another advanced music analysis course, plus a Music Major with credit average results in 36 senior music credit points. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MUSC4012</b> Music Honours B	12	<b>C</b> MUSC4011	Semester 1 Semester 2
<b>MUSC4013</b> Music Honours C	12	<b>C</b> MUSC4012	Semester 1 Semester 2
<b>MUSC4014</b> Music Honours D	12	<b>C</b> MUSC4013	Semester 1 Semester 2
<b>Pali</b>			
(No Major available)			
<b>PAL1001</b> Pali A	6		Semester 1
<b>PAL1002</b> Pali B	6	<b>P</b> PAL1001	Semester 2
<b>Peace and Conflict Studies</b>			
<b>PACS2002</b> History and Politics of War and Peace	6	<b>P</b> 18 junior credit points, of which 6 must normally be in either HSTY, GOVT, SCLG or LAWS <i>This unit is taught jointly with the Department of History and can be counted towards a History major.</i>	Semester 2
<b>Performance Studies</b>			
<b>PRFM1801</b> Performance Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>PRFM2601</b> Being There: Theories of Performance	6	<b>P</b> 18 junior credit points in no more than two subject areas including at least 12 from Part A of the Table of Units of Study. <b>N</b> PRFM2001	Semester 2
<b>PRFM2602</b> Performance: Production & Interpretation	6	<b>P</b> 18 junior credit points in no more than two subject areas including at least 12 from Part A of the Table of Units of Study. <b>N</b> PRFM2002	Semester 1 Summer Late
<b>PRFM2604</b> Sociology of Theatre	6	<b>P</b> 18 junior credit points in no more than two subject areas including at least 12 from Part A of the Table of Units of Study. <b>N</b> PRFM3012	Semester 1
<b>PRFM2805</b> Performance Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>PRFM2806</b> Performance Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>PRFM2810</b> Performance Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>PRFM2811</b> Performance Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>PRFM2812</b> Performance Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>PRFM3602</b> Performance Histories	6	<b>P</b> (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>PRFM3604</b> Embodied Histories	6	<b>P</b> (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) <b>N</b> PRFM3021	Semester 1
<b>PRFM3605</b> Cross-Cultural and Hybrid Performance	6	<b>P</b> (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) <b>N</b> PRFM3023, PRFM3028	Semester 2
<b>PRFM3606</b> Approaches to Acting	6	<b>P</b> 18 junior credit points in no more than two subject areas including at least 12 from Part A of the Table of Units of Study <b>N</b> PRFM3022	Semester 2 Summer Main
<b>PRFM3611</b> Dramaturgy	6	<b>P</b> (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) <b>N</b> PRFM3010	Semester 1
<b>PRFM3961</b> Rehearsal Studies	6	<b>P</b> (Credit results in PRFM2601 and PRFM2602) or (credit results in PRFM2001 and PRFM2002) <b>C</b> PRFM3962 and sufficient units for a major in Performance Studies. <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>PRFM3962</b> Rehearsal to Performance	6	<b>P</b> (Credit results in PRFM2601 and PRFM2602) or (credit results in PRFM2001 and PRFM2002) <b>C</b> PRFM3961 and sufficient units for a major in Performance Studies. <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>PRFM4011</b> Performance Studies Honours A	12	<b>P</b> Credit results in PRFM3961 and PRFM3962 (or PRFM3901 and PRFM3902) and credit average in a further 36 credit points of PRFM units. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>PRFM4012</b> Performance Studies Honours B	12	<b>C</b> PRFM4011	Semester 1 Semester 2
<b>PRFM4013</b> Performance Studies Honours C	12	<b>C</b> PRFM4012	Semester 1 Semester 2
<b>PRFM4014</b> Performance Studies Honours D	12	<b>C</b> PRFM4013	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>Philosophy</b>			
PHIL1011 Reality, Ethics and Beauty	6	N PHIL1003, PHIL1004, PHIL1006, PHIL1008	Semester 1 Summer Late
PHIL1012 Introductory Logic	6		Semester 2 Summer Late
PHIL1013 Society, Knowledge and Self	6	N PHIL1010	Semester 2
PHIL1016 Mind and Morality HSC	6	<i>This unit is available to HSC students only</i>	S1 Late Int S2 Late Int Summer Main
PHIL1801 Philosophy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
PHIL2600 Twentieth Century Philosophy	6	P 12 Junior credit points in Philosophy N PHIL2000	Semester 1
PHIL2605 Locke and Empiricism	6	P 12 Junior credit points in Philosophy N PHIL3005, PHIL2005	Semester 1
PHIL2606 Knowledge, Reason and Action	6	P 12 Junior credit points in Philosophy	Semester 1
PHIL2615 Intermediate Logic	6	P 12 Junior credit points in Philosophy and PHIL1012 or PHIL2203 or PHIL2628. N PHIL2215, PHIL3215	Semester 2
PHIL2617 Practical Ethics	6	P 12 junior credit points in Philosophy. N PHIL2517	Semester 1
PHIL2621 Truth, Meaning and Language	6	P 12 Junior credit points in Philosophy	Semester 2
PHIL2622 Reality, Time & Possibility: Metaphysics	6	P 12 Junior credit points in Philosophy	Semester 1
PHIL2623 Moral Psychology	6	P 12 Junior credit points in Philosophy. N PHIL2513, PHIL3513	Semester 1
PHIL2625 Hannah Arendt	6	P 12 Junior credit points in Philosophy N PHIL2515, PHIL3515	Semester 1
PHIL2626 Philosophy and Psychoanalysis	6	P 12 Junior credit points in Philosophy. N PHIL2207, PHIL3207, PHIL2226 and PHIL3226.	Semester 2
PHIL2629 Descartes and Continental Philosophy	6	P 12 Junior credit points in Philosophy N PHIL2004, PHIL3004	Semester 2
PHIL2633 Theorising Modernity	6	P 12 junior credit points in Philosophy N PHIL1007, PHIL2533	Semester 1
PHIL2634 Democratic Theory	6	P 12 junior credit points in Philosophy N PHIL2514	Semester 1
PHIL2635 Contemporary Political Philosophy	6	P 12 Junior credit points in Philosophy N PHIL3535, PHIL2535	Semester 1
PHIL2642 Critical Thinking	6	P 12 Junior credit points in any units within the University	Semester 2 Winter Main
PHIL2643 Philosophy of Mind	6	P 12 Junior credit points in Philosophy N PHIL2213, PHIL3213, PHIL2205	Semester 2 Summer Late
PHIL2644 Critical Theory: From Marx to Foucault	6	P 12 junior credit points	Semester 2
PHIL2645 Philosophy of Law	6	P 12 Junior credit points in Philosophy N PHIL2510, PHIL3510	Semester 1
PHIL2646 Philosophy and Literature	6	P 12 junior credit points in Philosophy	Semester 2
PHIL2647 The Philosophy of Happiness	6	P 12 Junior credit points	Semester 2 Summer Late Winter Main
PHIL2648 German Philosophy, Leibniz to Nietzsche	6	P 12 Junior credit points in Philosophy N PHIL2641, PHIL3011	Semester 2
PHIL2649 The Classical Mind	6	P 12 Junior credit points in Philosophy N PHIL2613, PHIL2614, PHIL3639	Semester 1
PHIL2650 Logic and Computation	6	P PHIL1012 or PHIL2628 or permission of instructor	Semester 2
PHIL2804 Philosophy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
PHIL2805 Philosophy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
PHIL2806 Philosophy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
PHIL2810 Philosophy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
PHIL2811 Philosophy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
PHIL2812 Philosophy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
PHIL3618 Pre-Honours Seminar	6	P 24 Senior credit points in Philosophy N PHIL2204, PHIL3204, PHIL3218	Semester 1 Winter Main
PHIL4011 Philosophy Honours A	12	P 48 credit points of Philosophy at Senior level, with a credit average or better, and including 6 credit points from each of the three programs (History of Philosophy; Epistemology, Metaphysics & Logic; Aesthetics, Ethics and Political Philosophy). Intending Honours students are strongly encouraged to discuss their unit choices with the Honours Coordinator at the beginning of their third year. The department places importance on the breadth of the philosophical education of its Honours graduates, and encourages intending Honours students to avoid over-specialisation at Senior level <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
PHIL4012 Philosophy Honours B	12	P Refer to PHIL4011 C PHIL4011	Semester 1 Semester 2
PHIL4013 Philosophy Honours C	12	P Refer to PHIL4011 C PHIL4012	Semester 1 Semester 2
PHIL4014 Philosophy Honours D	12	P Refer to PHIL4011 C PHIL4013	Semester 1 Semester 2
<b>Political Economy</b>			
ECOP1001 Economics as a Social Science	6		Semester 1 Summer Main
ECOP1003 International Economy and Finance	6		Semester 2
ECOP1004 Economy and Society	6		Semester 2
ECOP1551 Political Economy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ECOP1552 Political Economy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ECOP2011 Economics of Modern Capitalism	6	P ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) N ECOP2001	Semester 1
ECOP2012 Social Foundations of Modern Capitalism	6	P ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) N ECOP2002	Semester 2
ECOP2550 Political Economy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ECOP2551 Political Economy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ECOP2552 Political Economy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ECOP2612 Economic Policy in Global Context	6	P ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004)	Semester 2
ECOP2911 Political Economy Honours II	6	P Credit average in ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) C ECOP2011 or ECOP2012 N ECOP2901	Semester 1
ECOP3012 Global Political Economy	6	P ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) N ECOP3002	Semester 1
ECOP3014 Political Economy of Development	6	P ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) N ECOP3004	Semester 2 Summer Main
ECOP3015 Political Economy of the Environment	6	P ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) N ECOP3005	Semester 2
ECOP3017 Human Rights in Development	6	P ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) N ECOP3007	Semester 2
ECOP3019 Finance: Volatility and Regulation	6	P ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) N ECOP3009	Semester 1
ECOP3551 Political Economy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ECOP3552 Political Economy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ECOP3553 Political Economy Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
ECOP3620 Distribution of Income and Wealth	6	P ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004)	Semester 1
ECOP3911 Theories in Political Economy	6	P Credit average in 4 intermediate or senior ECOP units including (ECOP2911 or (ECOP2901 and ECOP2902)) N ECOP3901 <i>Third year students who have not completed the prerequisites should consult the Department of Political Economy about alternative requirements.</i>	Semester 1
ECOP3912 Research in Political Economy	6	P Credit average in 4 intermediate or senior ECOP units including (ECOP2911 or (ECOP2901 and ECOP2902)) N ECOP3902 <i>Third year students who have not completed the prerequisites should consult the Department of Political Economy about alternative requirements.</i>	Semester 2
ECOP4001 Political Economy Honours A	12	P ECOP2011, ECOP2612 (or ECOP2012 prior to 2009), ECOP2911, ECOP3911, ECOP3912 and one other senior level ECOP unit. Students who do not meet this requirement may apply to the honours coordinator for a waiver to permit their entry to honours. C ECOP4002, ECOP4003, ECOP4004 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
ECOP4002 Political Economy Honours B	12	C ECOP4001, ECOP4003	Semester 1 Semester 2
ECOP4003 Political Economy Honours C	12	C ECOP4001, ECOP4002	Semester 1 Semester 2
ECOP4004 Political Economy Honours D	12	C ECOP4003	Semester 1 Semester 2
<b>Studies in Religion</b>			
RLST1001 Paths to Enlightenment	6		Semester 2
RLST1002 The History of God	6		Semester 1 Summer Early
RLST1801 Religious Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
RLST2610 Mahayana Buddhism	6	A 12 Junior credit points in Religion, or their equivalent as assessed by the department.	Semester 2
RLST2612 Dualism: Zoroaster, Gnosis & Manichaeism	6	A 12 junior credit points of Religion Studies, or equivalent as assessed by the Department N RLST2012	Semester 2
RLST2614 Philosophy of Religion: Reason & Belief	6	A 12 Junior credit points of Religion Studies N RLST2014	Semester 1
RLST2623 Meditation and Self Transformation	6	A 12 junior credit points of Religion Studies, or equivalent as assessed by the Department N RLST2023 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
RLST2624 The Birth of Christianity	6	A 12 junior credit points of Religion Studies, or equivalent as assessed by the Department N RLST2024	Semester 1
RLST2628 Religion and Film	6	A 12 junior credit points of Religion studies, or their equivalent to be assessed by the Department. N RLST2028	Semester 1 Summer Late
RLST2631 Celtic and Germanic Mythology	6	P 12 junior credit points of Religion Studies, or equivalent as assessed by the Department N RLST2001, RLST2002	Semester 1
RLST2633 Religion and Television	6	A 12 junior credit points of Religion or equivalent as assessed by the Department	Semester 2
RLST2634 Religion, Media and Consumerism	6	A 12 junior credit points of Religion or equivalent as assessed by the Department	Semester 1
RLST2635 Sex, Desire and the Sacred	6	A 12 junior credit points of Religion Studies, or equivalent as assessed by the Department	Semester 2
RLST2636 Ancient Egyptian Religion and Magic	6	A 12 junior credit points of Religion or equivalent as assessed by the Department	Semester 1
RLST2804 Religious Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
RLST2805 Religious Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
RLST2806 Religious Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
RLST2809 Religious Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
RLST2810 Religious Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
RLST4011 Religious Studies Honours A	12	P Credit average in 48 senior credit points of Studies in Religion. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
RLST4012 Religious Studies Honours B	12	C RLST4011	Semester 1 Semester 2
RLST4013 Religious Studies Honours C	12	C RLST4012	Semester 1 Semester 2
RLST4014 Religious Studies Honours D	12	C RLST4013	Semester 1 Semester 2
<b>Sanskrit</b>			
SANS1001 Sanskrit Introductory 1	6		Semester 1
SANS1002 Sanskrit Introductory 2	6	P SANS1001	Semester 2
SANS2601 Sanskrit Intermediate 1	6	P SANS1002 or equivalent N SANS2001	Semester 1
SANS2602 Sanskrit Intermediate 2	6	P SANS2001 or SANS2601 or equivalent N SANS2002	Semester 2
SANS2612 Sanskrit Research Preparation 1	6	P SANS2001 or SANS2601 or equivalent N SANS2901, SANS2902	Semester 2
SANS3601 Sanskrit Advanced 1	6	P SANS2002 or SANS2602 or equivalent N SANS3001	Semester 1
SANS3602 Sanskrit Advanced 2	6	P SANS3001 or SANS3601 or equivalent N SANS3002	Semester 2



Unit of study	Credit points	A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition	Session
<b>SANS4001</b> Sanskrit IV Honours A	12	<b>P</b> The completion of 8 senior units of study: a Credit average in senior level Sanskrit language units of study (SANS2601, SANS2602, SANS2612, SANS3601, SANS3602 and SANS3612) plus two additional units of study chosen from the following senior level Asian Studies units of study: ASNS2620 Classical Indian Philosophy, ASNS2621 Buddhist Philosophy, ASNS2623 India: Tradition and Modernity, ASNS2624 Understanding Buddhist Literature, ASNS2625 Buddhism in Modern Asia, ASNS2626 Religious Traditions of South Asia, and / or any senior unit of Hindi / Urdu or equivalent as determined by the Department. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SANS4002</b> Sanskrit IV Honours B	12	<b>C</b> SANS4001	Semester 1 Semester 2
<b>SANS4003</b> Sanskrit IV Honours C	12	<b>C</b> SANS4002	Semester 1 Semester 2
<b>SANS4004</b> Sanskrit IV Honours D	12	<b>C</b> SANS4003	Semester 1 Semester 2
<b>Social Policy</b>			
<b>SCPL2601</b> Australian Social Policy	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCPL3001	Semester 1
<b>SCPL2602</b> The Principles of Social Policy	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCPL3002	Semester 2
<b>SCPL2603</b> Development and Welfare in East Asia	6	<b>P</b> SCLG1001 and SCLG1002	Semester 1
<b>Social Sciences</b>			
(For continuing Bachelor of Social Sciences students only.)			
<b>SSCI3601</b> Social Sciences Internship	12	<b>P</b> SSCI1001 or SSCI2001 or SSCI2601 and SSCI2002 or SSCI2602 and STAT1021 and SCLG2602 or SCLG2521 <b>N</b> SSCI3001 <i>Bachelor of Social Sciences only</i>	Semester 1 Semester 2
<b>SSCI3602</b> Internship Research Paper	12	<b>P</b> SSCI1001 or SSCI2001 or SSCI2601 and SSCI2002 or SSCI2602 and STAT1021 and SCLG2602 or SCLG2521 <b>C</b> SSCI3001 or SSCI3601 <b>N</b> SSCI3002 <i>Bachelor of Social Sciences only</i>	Semester 1 Semester 2
<b>Socio-Legal Studies</b>			
<b>SLSS1001</b> Introduction to Socio-Legal Studies	6	<i>Available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only</i>	Semester 1
<b>SLSS1003</b> Law and Contemporary Society	6	<i>Available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only</i>	Semester 2
<b>SLSS2601</b> Socio-Legal Research	6	<b>P</b> SLSS1001 and SLSS1003 or SLSS1001 and SLSS1002 <i>Available to Bachelor of Socio-Legal Studies only</i>	Semester 1
<b>SLSS2603</b> Medico-Legal and Forensic Criminology	6	<b>P</b> SLSS1001 and SLSS1003 or SCLG1001 and SCLG1002 <i>Available to Bachelor of Socio-Legal Studies only</i>	Semester 2
<b>SLSS2604</b> Indigenous Social and Legal Justice	6	<b>P</b> SLSS1001 and SLSS1003 or SLSS1001 and SLSS1002 <i>Available to Bachelor of Socio-Legal Studies Students only</i>	Semester 2
<b>SLSS2801</b> Socio-Legal Studies Exchange	6	<i>Note: Department permission required for enrolment</i> <i>Available to Bachelor of Socio-Legal Studies only</i>	Semester 1 Semester 2
<b>SLSS2802</b> Socio-Legal Studies Exchange	6	<i>Note: Department permission required for enrolment</i> <i>Available to Bachelor of Socio-Legal Studies only</i>	Semester 1 Semester 2
<b>SLSS2803</b> Socio-Legal Studies Exchange	6	<i>Note: Department permission required for enrolment</i> <i>Available to Bachelor of Socio-Legal Studies only</i>	Semester 1 Semester 2
<b>SLSS2804</b> Socio-Legal Studies Exchange	6	<i>Note: Department permission required for enrolment</i> <i>Available to Bachelor of Socio-Legal Studies only</i>	Semester 1 Semester 2
<b>SLSS2805</b> Socio-Legal Studies Exchange	6	<i>Note: Department permission required for enrolment</i> <i>Available to Bachelor of Socio-Legal Studies only</i>	Semester 1 Semester 2
<b>SLSS2806</b> Socio-Legal Studies Exchange	6	<i>Note: Department permission required for enrolment</i> <i>Available to Bachelor of Socio-Legal Studies only</i>	Semester 1 Semester 2
<b>SLSS2807</b> Socio-Legal Studies Exchange	6	<i>Note: Department permission required for enrolment</i> <i>Available to Bachelor of Socio-Legal Studies only</i>	Semester 1 Semester 2
<b>SLSS2808</b> Socio-Legal Studies Exchange	6	<i>Note: Department permission required for enrolment</i> <i>Available to Bachelor of Socio-Legal Studies only</i>	Semester 1 Semester 2
<b>SLSS4011</b> Socio-Legal Studies Honours A	12	<b>P</b> completion of all requirements of a Bachelor of Socio-Legal Studies with a credit average in senior level core and elective Socio-Legal Studies units. Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SLSS4012</b> Socio-Legal Studies Honours B	12	<b>C</b> SLSS4011	Semester 1 Semester 2
<b>SLSS4013</b> Socio-Legal Studies Honours C	12	<b>C</b> SLSS4012	Semester 1 Semester 2
<b>SLSS4014</b> Socio-Legal Studies Honours D	12	<b>C</b> SLSS4013	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>Sociology</b>			
<b>SCLG1001</b> Introduction to Sociology 1	6		Semester 1 Summer Early
<b>SCLG1002</b> Introduction to Sociology 2	6		Semester 2 Winter Main
<b>SCLG1801</b> Sociology Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SCLG2601</b> Sociological Theory	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2001, SCLG2520	Semester 1
<b>SCLG2602</b> Social Inquiry: Research Methods	6	<b>P</b> Either SCLG1001 and SCLG1002 or SCWK2003 or SSCI1003 <b>N</b> SCLG2002, SCLG2521	Semester 2
<b>SCLG2604</b> Social Inequality in Australia	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2010, SCLG2529 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1 Summer Late
<b>SCLG2605</b> Social Justice Law and Society	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2017, SCLG2536 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>SCLG2606</b> Media in Contemporary Society	6	<b>A</b> Ability to access internet and basic web browsing skills <b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2018, SCLG2537	Semester 1
<b>SCLG2607</b> Social Movements and Policy Making	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2570	Semester 1
<b>SCLG2608</b> Social Construction of Difference	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2004, SCLG2523	Semester 1 Winter Main
<b>SCLG2609</b> Contemporary Cultural Issues	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2501	Semester 2
<b>SCLG2610</b> Science, Technology and Social Change	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2504	Semester 1
<b>SCLG2611</b> Welfare States: A Comparative Analysis	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2509 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>SCLG2612</b> Self and Society	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2510	Semester 2
<b>SCLG2613</b> Sociology of Childhood and Youth	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2522	Semester 2
<b>SCLG2615</b> Law and Social Theory	6	<b>P</b> SCLG1001 and SCLG1002 and (SCLG2601 or SCLG2001 or SCLG2520) <b>N</b> SCLG2535 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>SCLG2616</b> Global Transformations	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2560 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>SCLG2618</b> Violence, Imaginaries and Symbolic Power	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG2566 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>SCLG2621</b> Power, Politics and Society	6	<b>P</b> SCLG1001 and SCLG1002 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>SCLG2624</b> Human Rights and Social Protest	6	<b>P</b> SCLG1001 and SCLG1002	Semester 1
<b>SCLG2625</b> Sociology of Friendship	6	<b>P</b> SCLG1001 and SCLG1002	Semester 1
<b>SCLG2626</b> Sociology of Religion	6	<b>P</b> SCLG1001 and SCLG1002	Semester 2
<b>SCLG2634</b> Crime, Punishment and Society	6	<b>P</b> Two of: SCLG1001, SCLG1002, SLSS1001, SLSS1002 and LAWS1100. <b>N</b> SCLG2566	Semester 1
<b>SCLG2805</b> Sociology Exchange	6	<b>P</b> SCLG1001 and SCLG1002 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SCLG2806</b> Sociology Exchange	6	<b>P</b> SCLG1001 and SCLG1002 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SCLG2809</b> Sociology Exchange	6	<b>P</b> SCLG1001 and SCLG1002 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SCLG2810</b> Sociology Exchange	6	<b>P</b> SCLG1001 and SCLG1002 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SCLG2811</b> Sociology Exchange	6	<b>P</b> SCLG1001 and SCLG1002 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SCLG2812</b> Sociology Exchange	6	<b>P</b> SCLG1001 and SCLG1002 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>SCLG3601</b> Contemporary Sociological Theory	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG3002 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 2
<b>SCLG3602</b> Empirical Sociological Methods	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG3003	Semester 2
<b>SCLG3603</b> Quantitative Methods for Social Science	6	<b>P</b> SCLG1001 and SCLG1002 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program. It is also available to PE and GIR students.</i>	Semester 2
<b>SCLG3604</b> Environmental Sociology	6	<b>P</b> SCLG1001 and SCLG1002 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>SCLG3605</b> Urban Sociology	6	<b>P</b> SCLG1001 and SCLG1002 <b>N</b> SCLG3002 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>SCLG4011</b> Sociology Honours A	12	<b>P</b> Credit average in 48 credit points of Senior level Sociology including SCLG3602 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SCLG4012</b> Sociology Honours B	12	<b>C</b> SCLG4011	Semester 1 Semester 2
<b>SCLG4013</b> Sociology Honours C	12	<b>C</b> SCLG4012	Semester 1 Semester 2
<b>SCLG4014</b> Sociology Honours D	12	<b>C</b> SCLG4013	Semester 1 Semester 2
<b>Spanish and Latin American Studies</b>			
<b>SPAN1611</b> Spanish Level 1	6	<b>N</b> Not to be taken by students with prior knowledge of Spanish. <i>Students who have already studied Spanish at HSC level, or who have equivalent knowledge, may not take SPAN1611. Students should contact the department, which will determine the appropriate level of enrolment.</i>	Semester 1 Summer Main Winter Main
<b>SPAN1612</b> Spanish Level 2	6	<b>P</b> SPAN1611 or SPAN1601, or equivalent knowledge of Spanish <b>N</b> SPAN1002, SPAN1602 <i>Students who have already studied Spanish at HSC level, or who have equivalent knowledge, may not take SPAN1612. Students should contact the department, which will determine the appropriate level of enrolment.</i>	Semester 2 Summer Late
<b>SPAN1801</b> Spanish Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SPAN1802</b> Spanish Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SPAN2611</b> Spanish Level 3	6	<b>P</b> SPAN1002 or SPAN1602 or SPAN1612 or 65% in HSC Spanish Beginners <b>N</b> SPAN2001, SPAN2601, HSC Spanish Continuers Minimum Mark 70%.	Semester 1
<b>SPAN2612</b> Spanish Level 4	6	<b>P</b> SPAN2611 or SPAN2601 <b>N</b> SPAN2002, SPAN2602, HSC Spanish Continuers Minimum Mark 70%.	Semester 2
<b>SPAN2613</b> Spanish Level 5	6	<b>P</b> SPAN2612 or SPAN2602, or HSC Spanish Continuers Minimum 70%. <b>N</b> SPAN3601 or SPAN3602	Semester 1
<b>SPAN2614</b> Spanish Level 6	6	<b>P</b> SPAN2613 or SPAN2602 or equivalent knowledge of Spanish. <b>N</b> SPAN3601 or SPAN3602	Semester 2
<b>SPAN2621</b> Spanish Culture 1	6	<b>P</b> SPAN2601 or SPAN2611 or equivalent language knowledge.	Semester 1
<b>SPAN2622</b> Latin American Culture 1	6	<b>P</b> SPAN2601 or SPAN2611 or equivalent language knowledge.	Semester 2
<b>SPAN2631</b> Cultural and Social Change in Spain	6	<b>P</b> 12 junior credit points	Semester 1
<b>SPAN2641</b> Filmmaking in the Latin American Context	6	<b>P</b> 18 Part A junior credit points.	Semester 1
<b>SPAN3611</b> Spanish Level 7	6	<b>P</b> SPAN2614 or equivalent knowledge of Spanish. <b>N</b> SPAN3601	Semester 1
<b>SPAN3612</b> Spanish Level 8	6	<b>P</b> SPAN3611 or SPAN3601 or equivalent knowledge of Spanish. <b>N</b> SPAN3602	Semester 2
<b>SPAN3621</b> Latin American Film and Literature	6	<b>P</b> SPAN2602 or SPAN2612 or equivalent language knowledge. <b>N</b> SPAN3006	Semester 1
<b>SPAN3622</b> Introduction to Spanish Translation	6	<b>P</b> SPAN3601 or SPAN2613 or equivalent language knowledge.	Semester 2
<b>SPAN3623</b> Argentina for Export	6	<b>P</b> SPAN2602 or SPAN2612 or equivalent language knowledge.	Semester 2
<b>SPAN3811</b> Spanish Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SPAN3812</b> Spanish Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SPAN3813</b> Spanish Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SPAN3814</b> Spanish Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>SPAN3815</b> Spanish Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
SPAN3816 Spanish Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
SPAN3817 Spanish Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
SPAN3818 Spanish Studies Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
SPAN4011 Spanish & Latin American Studies Hons A	12	<b>P</b> 48 senior credit points in Spanish and Latin American Studies with at least a Credit average. At least 24 credit points must be in language units of study. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
SPAN4012 Spanish & Latin American Studies Hons B	12	<b>C</b> SPAN4011	Semester 1 Semester 2
SPAN4013 Spanish & Latin American Studies Hons C	12	<b>C</b> SPAN4012	Semester 1 Semester 2
SPAN4014 Spanish & Latin American Studies Hons D	12	<b>C</b> SPAN4013	Semester 1 Semester 2
<b>Writing</b>			
(No major available.)			
WRIT1001 Academic English	6	<b>P</b> Upon registration for this unit students will be directed to an online diagnostic exercise.	Semester 1 Semester 2
WRIT1002 Academic Writing	6	<b>P</b> This unit is available to all enrolled students and across all faculties. There are no specific prerequisites but students will be required to complete a diagnostic exercise in their first tutorial. Students in this unit are assumed to have native or near native competence in written English. Students who do not have this competence would benefit from completing WRIT1001 before enrolling in WRIT1002 but WRIT1001 is NOT a pre-requisite for WRIT1002.	Semester 1 Winter Main
<b>Yiddish</b>			
(No guarantee of continuing availability)			
YDDH1101 Yiddish 1	6		Semester 1
YDDH1102 Yiddish 2	6	<b>P</b> YDDH1101 or permission from the department	Semester 2
YDDH2603 Yiddish 3	6	<b>P</b> YDDH1102 or permission from the department <b>N</b> YDDH2103, YDDH2104	Semester 1
YDDH2604 Yiddish 4	6	<b>P</b> YDDH2103 or YDDH2603 <b>N</b> YDDH2104	Semester 2
YDDH3605 Yiddish 5	6	<b>P</b> YDDH2104 or YDDH2604 <b>N</b> YDDH3105, YDDH3106	Semester 1
YDDH3606 Yiddish 6	6	<b>P</b> YDDH3605 or YDDH3105 <b>N</b> YDDH3106	Semester 2

Table B

<i>Unit of study</i>	<i>Credit points</i>	<i>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</i>	<i>Session</i>
<b>Biochemistry</b>			
<b>BCHM2071 Protein Biochemistry</b>	6	<b>A</b> CHEM (1101 and 1102) <b>P</b> 12 credit points of Junior Chemistry and MBLG (1001 or 1901) <b>C</b> Recommended concurrent units of study: MBLG2071 and BCHM2072 for progression to Senior Biochemistry. <b>N</b> BCHM2011, BCHM2971	Semester 1
<b>BCHM2072 Human Biochemistry</b>	6	<b>P</b> Either MBLG (1001 or 1901) and 12 credit points of Junior Chemistry or either MBLG2071 or MBLG2971 <b>N</b> BCHM2972, BCHM2002, BCHM2102, BCHM2902, BCHM2112	Semester 2
<b>BCHM2553 Biochemistry Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BCHM2554 Biochemistry Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BCHM2555 Biochemistry Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BCHM2556 Biochemistry Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BCHM2971 Protein Biochemistry (Advanced)</b>	6	<b>P</b> 12 credit points of Junior Chemistry and Distinction in MBLG1001 or MBLG1901 <b>N</b> BCHM2011, BCHM2071	Semester 1
<b>BCHM2972 Human Biochemistry (Advanced)</b>	6	<b>P</b> Distinction in one of (BCHM (2071 or 2971) or MBLG(2071 or 2971)) or (Distinction in MBLG (1001 or 1901) and Distinction average in all other Junior Science Units of Study undertaken). <b>N</b> BCHM2072, BCHM2002, BCHM2102, BCHM2902, BCHM2112	Semester 2
<b>BCHM3071 Molecular Biology &amp; Biochemistry- Genes</b>	6	<b>P</b> MBLG (1001 or 1901) and 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, including BMED2802 and BMED2804. <b>N</b> BCHM3971, BCHM3001, BCHM3901	Semester 1
<b>BCHM3072 Human Molecular Cell Biology</b>	6	<b>P</b> (MBLG (1001 or 1901) and 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/MBLG2971 or BCHM2071/2971 or BCHM2072/2972)) or (42CP of Intermediate BMedSc units, including BMED2802 and BMED2804) <b>N</b> BCHM3972, BCHM3002, BCHM3902, BCHM3004, BCHM3904 <i>BExSci/BSc(Nutrition) students successfully progressing though the combined degree meet the pre-requisites for this unit of study</i>	Semester 2
<b>BCHM3081 Mol Biology &amp; Biochemistry- Proteins</b>	6	<b>P</b> MBLG (1001 or 1901) and 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, including BMED2802 and BMED2804. <b>N</b> BCHM3981, BCHM3001, BCHM3901	Semester 1
<b>BCHM3082 Medical and Metabolic Biochemistry</b>	6	<b>P</b> MBLG (1001 or 1901) and 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, including BMED2802 and BMED2804. <b>N</b> BCHM3982, BCHM3002, BCHM3004, BCHM3902, BCHM3904 <i>BExSci/BSc(Nutrition) students successfully progressing though the combined degree meet the pre-requisites for this unit of study</i>	Semester 2
<b>BCHM3092 Proteomics and Functional Genomics</b>	6	<b>P</b> MBLG (1001 or 1901) and 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, including BMED2802 and BMED2804. <b>N</b> BCHM3992, BCHM3098	Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>BCHM3551 Biochemistry Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BCHM3552 Biochemistry Exchange</b>	12	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BCHM3553 Biochemistry Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BCHM3554 Biochemistry Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BCHM3555 Biochemistry Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BCHM3556 Biochemistry Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BCHM3971 Molecular Biology &amp; Biochem- Genes (Adv)</b>	6	<b>P</b> MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. <b>N</b> BCHM3071, BCHM3001, BCHM3901	Semester 1
<b>BCHM3972 Human Molecular Cell Biology (Advanced)</b>	6	<b>P</b> MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/MBLG2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. <b>C</b> MBLG3999 <b>N</b> BCHM3072, BCHM3002, BCHM3004, BCHM3902, BCHM3904	Semester 2
<b>BCHM3981 Mol Biology &amp; Biochemistry- Proteins Adv</b>	6	<b>P</b> MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. <b>N</b> BCHM3081, BCHM3001, BCHM3901	Semester 1
<b>BCHM3982 Medical and Metabolic Biochemistry (Adv)</b>	6	<b>P</b> MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. <b>N</b> BCHM3082, BCHM3002, BCHM3004, BCHM3902, BCHM3904	Semester 2
<b>BCHM3992 Proteomics and Functional Genomics (Adv)</b>	6	<b>P</b> MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. <b>N</b> BCHM3092, BCHM3098	Semester 2
<b>BCHM4011 Biochemistry Honours A</b>	12	<i>Note: Department permission required for enrolment Entry into the School Honours program normally requires a credit average in a major relevant to the chosen project or relevant 24 credit points of senior study. The School will consider entry to students who do not have this requirement if their overall academic performance indicates an equivalent performance in other subject areas or if their SCIWAM exceeds 65.</i>	Semester 1 Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>BCHM4012</b> Biochemistry Honours B	12	<b>C</b> BCHM4011 <i>Entry into the School Honours program normally requires a credit average in a major relevant to the chosen project or relevant 24 credit points of senior study. The School will consider entry to students who do not have this requirement if their overall academic performance indicates an equivalent performance in other subject areas or if their SCIWAM exceeds 65.</i>	Semester 1 Semester 2
<b>BCHM4013</b> Biochemistry Honours C	12	<b>C</b> BCHM4012 <i>Entry into the School Honours program normally requires a credit average in a major relevant to the chosen project or relevant 24 credit points of senior study. The School will consider entry to students who do not have this requirement if their overall academic performance indicates an equivalent performance in other subject areas or if their SCIWAM exceeds 65.</i>	Semester 1 Semester 2
<b>BCHM4014</b> Biochemistry Honours D	12	<b>C</b> BCHM4013 <i>Entry into the School Honours program normally requires a credit average in a major relevant to the chosen project or relevant 24 credit points of senior study. The School will consider entry to students who do not have this requirement if their overall academic performance indicates an equivalent performance in other subject areas or if their SCIWAM exceeds 65.</i>	Semester 1 Semester 2
<b>Bioinformatics</b>			
<b>BINF3101</b> Bioinformatics Project	6	<b>A</b> INFO2110 and (INFO1103 or INFO1903) <b>P</b> 12 credit points from Intermediate Biology, Molecular Biology and Genetics, Biochemistry, Microbiology, Pharmacology <b>N</b> COMP3206, BINF3001, INFO3600, SOFT3300, SOFT3600, SOFT3200, SOFT3700	Semester 2
<b>BINF3551</b> Bioinformatics Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BIOL3027</b> Bioinformatics and Genomics	6	<b>P</b> 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including BMED 2802. <b>N</b> BIOL3927	Semester 1
<b>BIOL3927</b> Bioinformatics and Genomics (Advanced)	6	<b>P</b> Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802. <b>N</b> BIOL3027	Semester 1
<b>STAT3012</b> Applied Linear Models	6	<b>P</b> STAT(2012 or 2912 or 2004) and MATH(1002 or 1014 or 1902). <b>N</b> STAT3912, STAT3002, STAT3902, STAT3004, STAT3904	Semester 1
<b>STAT3014</b> Applied Statistics	6	<b>A</b> STAT(3012 or 3912). <b>P</b> STAT(2012 or 2912 or 2004). <b>N</b> STAT3914, STAT3002, STAT3902, STAT3006	Semester 2
<b>STAT3912</b> Applied Linear Models (Advanced)	6	<b>P</b> (STAT2912 or Credit in STAT2004 or Credit in STAT2012) and MATH(2061 or 2961 or 1902). <b>N</b> STAT3012, STAT3002, STAT3902, STAT3004, STAT3904	Semester 1
<b>STAT3914</b> Applied Statistics Advanced	6	<b>A</b> STAT3912 <b>P</b> STAT2912 or credit or better in (STAT2004 or STAT2012). <b>N</b> STAT3014, STAT3002, STAT3902, STAT3006, STAT3907	Semester 2
<b>Biology</b>			
<b>BIOL1001</b> Concepts in Biology	6	<b>A</b> None. However, students who have not completed HSC Biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February). <b>N</b> BIOL 1911 <i>It is recommended that BIOL (1001 or 1911) be taken concurrently with either BIOL1003 or BIOL1903. Students who have completed HSC Biology and scored 80+ should enrol in BIOL1911. Students who lack 80+ in HSC Biology but have a UAI of at least 93 may enrol in BIOL1911 with permission from the UEO. The completion of MBLG 1001 is highly recommended.</i>	Semester 1 Summer Main
<b>BIOL1903</b> Human Biology (Advanced)	6	<b>P</b> UAI (or ATAR equivalent) of at least 93 and HSC Biology result in the 90+, or Distinction or better in a University level Biology unit, or by invitation. <b>N</b> BIOL1003, EDUH1016	Semester 1
<b>BIOL1911</b> Concepts in Biology (Advanced)	6	<b>P</b> 80+ in HSC 2-unit Biology (or equivalent) or Distinction or better in a University level Biology unit, or by invitation. <b>N</b> BIOL 1001 <i>Note: Department permission required for enrolment It is recommended that BIOL (1001 or 1911) be taken concurrently with all other Junior units of study in Biology. The completion of MBLG1001 is highly recommended.</i>	Semester 1
<b>BIOL1002</b> Living Systems	6	<b>A</b> HSC 2-unit Biology. Students who have not completed HSC biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February). <b>N</b> BIOL1902 <i>It is recommended that BIOL (1001 or 1911) be taken before this unit of study. This unit of study, together with BIOL (1001 or 1911) provides entry to all Intermediate units of study in biology in the School of Biological Sciences.</i>	Semester 2
<b>BIOL1003</b> Human Biology	6	<b>A</b> HSC 2-unit Biology. Students who have not completed HSC biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February). <b>N</b> BIOL1903, EDUH1016. <i>It is recommended that BIOL (1001 or 1911) be taken concurrently with this unit of study.</i>	Semester 1 Summer Main
<b>BIOL1902</b> Living Systems (Advanced)	6	<b>P</b> UAI (or ATAR equivalent) of at least 93 and HSC Biology result in the 90+, or Distinction or better in a University level Biology unit, or by invitation. <b>N</b> BIOL1002 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>MBLG1001</b> Molecular Biology and Genetics (Intro)	6	<b>A</b> 6 credit points of Junior Biology and 6 cp of Junior Chemistry <b>N</b> AGCH2001, BCHM2001, BCHM2101, BCHM2901, MBLG2101, MBLG2901, MBLG2001, MBLG2111, MBLG2771, MBLG2871, MBLG1901	Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>MBLG1901</b> <b>Molecular Biology and Genetics (Adv)</b>	6	<b>A</b> HSC Chemistry and Biology OR 6 credit points of Junior Biology and 6 cp of Junior Chemistry <b>P</b> UAI (or ATAR equivalent) of 95 or minimum Band 5 in HSC chemistry and biology or by invitation <b>N</b> AGCH2001, BCHM2001, BCHM2101, BCHM2901, MBLG2101, MBLG2901, MBLG2001, MBLG2111, MBLG2771, MBLG2871, MBLG1001	Semester 2
<b>BIOL2011</b> <b>Invertebrate Zoology</b>	6	<b>A</b> BIOL (1002 or 1902). <b>P</b> BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for students in the BSc[Marine Science] stream: 6 credit points of Junior Chemistry and 6 credit points of Junior Physics). <b>N</b> BIOL2911 <i>This unit of study may be taken alone, but when taken with BIOL2012 provides entry into certain Senior Biology units of study. The content of BIOL (1002 or 1902) is assumed knowledge and students entering without BIOL (1002 or 1902) will need to do some preparatory reading. The completion of 6 credit points of MBLG units of study is highly recommended.</i>	Semester 1
<b>BIOL2012</b> <b>Vertebrates and their Origins</b>	6	<b>A</b> The content of BIOL (1002 or 1902) is assumed knowledge and students who have not completed BIOL (1002 or 1902) will need to do some preparatory reading. <b>P</b> BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for students in the BSc[Marine Science] stream: 6 credit points of Junior Chemistry and 6 credit points of Junior Physics). <b>N</b> BIOL 2912. <i>This unit of study may be taken alone, but when taken with BIOL2011 provides entry into certain Senior Biology units of study. The completion of MBLG1001 is highly recommended.</i>	Semester 2
<b>BIOL2016</b> <b>Cell Biology</b>	6	<b>P</b> 12 credit points of Junior Biology, e.g. any combination of 2 units made from the following options, BIOL (1001 or 1911), BIOL (1002 or 1902), BIOL (1003 or 1903), MBLG (1001 or 1901), EDUH1016, and 12 credit points of Junior Chemistry. For students in the BSc (Marine Science) 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. <b>N</b> BIOL2916. <i>The completion of MBLG1001 is highly recommended.</i>	Semester 1
<b>BIOL2017</b> <b>Entomology</b>	6	<b>A</b> BIOL (2011 or 2911). <b>P</b> BIOL (1001 or 1911 or 1101 or 1901 ) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics). <b>N</b> BIOL2917.	Semester 2
<b>BIOL2018</b> <b>Introduction to Marine Biology</b>	6	<b>A</b> 12 credit points of Junior Biology; MARS2005. <b>P</b> BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics). <b>N</b> BIOL2918, MARS (2006 or 2906 or 2007 or 2907).	Semester 2
<b>BIOL2918</b> <b>Introduction to Marine Biology (Adv)</b>	6	<b>A</b> 12 credit points of Junior Biology. <b>P</b> Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. <b>N</b> BIOL2018, MARS (2006 or 2906 or 2007 or 2907). <i>Entry is restricted and selection is made from applicants on the basis of previous performance.</i>	Semester 2
<b>BIOL2554</b> <b>Biology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BIOL2555</b> <b>Biology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BIOL2556</b> <b>Biology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BIOL2557</b> <b>Biology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b



<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>BIOL2911 Invertebrate Zoology (Advanced)</b>	6	<b>A</b> BIOL (1002 or 1902). <b>P</b> Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for students in BSc[Marine Science] stream: 6 credit points of Junior Chemistry and 6 credit points of Junior Physics). These requirements may be varied and students with lower averages should consult the Unit Executive Officer <b>N</b> BIOL2011. <i>The completion of 6 credit points of MBLG units of study is highly recommended.</i>	Semester 1
<b>BIOL2912 Vertebrates and their Origins (Advanced)</b>	6	<b>A</b> The content of BIOL (1002 or 1902) is assumed knowledge and students who have not completed BIOL (1002 or 1902) will need to do some preparatory reading. <b>P</b> Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for students in BSc[Marine Science] stream: 6 credit points of Junior Chemistry and 6 credit points of Junior Physics). These requirements may be varied and students with lower averages should consult the Unit Executive Officer <b>N</b> BIOL2012. <i>The completion of MBLG1001 is highly recommended.</i>	Semester 2
<b>BIOL2916 Cell Biology (Advanced)</b>	6	<b>P</b> Distinction average in 12 credit points of Junior Biology or equivalent, e.g. any combination of 2 units made from the following options, BIOL (1001 or 1911), BIOL (1002 or 1902), BIOL (1003 or 1903), MBLG (1001 or 1901), EDUH1016, and 12 credit points of Junior Chemistry. For students in the BSc (Marine Science) 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. <b>N</b> BIOL2016. <i>The completion of MBLG1001 is highly recommended.</i>	Semester 1
<b>BIOL2917 Entomology (Advanced)</b>	6	<b>A</b> BIOL (2011 or 2911). <b>P</b> Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students: 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. <b>N</b> BIOL2017.	Semester 2
<b>BIOL3006 Ecological Methods</b>	6	<b>A</b> BIOL (2011 or 2911 or 2012 or 2912) or PLNT (2002 or 2902). <b>P</b> 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL units and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. <b>N</b> BIOL3906, MARS3102	Semester 1
<b>BIOL3007 Ecology</b>	6	<b>A</b> Although not prerequisites, knowledge obtained from BIOL3006/3906, and BIOL3008/3908 and/or BIOL3009/3909, is strongly recommended. <b>P</b> 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL, and ENVI2111 or MARS2006 ; or 12 credit points of MARS units, including MARS2006 <b>N</b> BIOL3907, MARS3102	Semester 2
<b>BIOL3008 Marine Field Ecology</b>	6	<b>A</b> BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. <b>P</b> 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. <b>N</b> BIOL3908, MARS3102. <i>Dates: 3 - 10 July 2010.</i>	S2 Intensive
<b>BIOL3009 Terrestrial Field Ecology</b>	6	<b>A</b> BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. <b>P</b> 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001. <b>N</b> BIOL3909 <i>Note: One 6 day field trip held in the pre-semester break (18 - 23 July 2010), and 4 practical classes during weeks 1-4 in Semester 2.</i>	S2 Intensive
<b>BIOL3010 Tropical Wildlife Biology and Management</b>	6	<b>A</b> None, although BIOL2012/2912 (Vertebrates and their Origins) would be useful. <b>P</b> 12 credit points of Intermediate Biology (BIOL/ENVI/PLNT), or equivalent. <b>N</b> BIOL3910 <i>Dates: 14 February - 19 February 2010 Northern Territory, followed by tutorials and practical classes at the University of Sydney 22 February - 26 February 2010.</i>	S1 Intensive
<b>BIOL3011 Ecophysiology</b>	6	<b>A</b> BIOL (2012 or 2912 or 2016 or 2916) or PLNT (2003 or 2903). <b>P</b> 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. <b>N</b> BIOL3911 <i>The completion of 6 credit points of MBLG units is highly recommended.</i>	Semester 1
<b>BIOL3012 Animal Physiology</b>	6	<b>P</b> 12 credit points of Intermediate Biology including BIOL (2012 or 2912 or 2016 or 2916) or PLNT (2003 or 2903) <b>N</b> BIOL3912 <i>The completion of 6 credit points of MBLG units is highly recommended.</i>	Semester 1
<b>BIOL3013 Marine Biology</b>	6	<b>A</b> BIOL 2018 or MARS2006 <b>P</b> 12 credit points of Intermediate Biology, or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. <b>N</b> BIOL3913 <i>The completion of 6 credit points of MBLG units is highly recommended.</i>	Semester 1
<b>BIOL3017 Fungi in the Environment</b>	6	<b>P</b> 12 credit points of Intermediate Biology or Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography. <b>N</b> BIOL3917 <i>Dates: 15-26 February 2010. The completion of 6 credit points of MBLG units is highly recommended.</i>	S1 Intensive
<b>BIOL3025 Evolutionary Genetics &amp; Animal Behaviour</b>	6	<b>P</b> 12 credit points from (MBLG 2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including BMED2802. <b>N</b> BIOL3925	Semester 2
<b>BIOL3026 Developmental Genetics</b>	6	<b>P</b> 12 credit points from MBLG (2071/2971) and MBLG (2072/2972). For BMedSc students: 36 credit points of Intermediate BMED units including BMED2802. <b>N</b> BIOL3926	Semester 2
<b>BIOL3027 Bioinformatics and Genomics</b>	6	<b>P</b> 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including BMED 2802. <b>N</b> BIOL3927	Semester 1

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>BIOL3551 Biology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BIOL3552 Biology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BIOL3553 Biology Exchange</b>	12	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BIOL3554 Biology Exchange</b>	12	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BIOL3555 Biology Exchange</b>	12	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BIOL3556 Biology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BIOL3557 Biology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>BIOL3906 Ecological Methods (Advanced)</b>	6	<b>A</b> BIOL (2011 or 2911 or 2012 or 2912) or PLNT (2002 or 2902). <b>P</b> Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. <b>N</b> BIOL3006, MARS3102	Semester 1
<b>BIOL3907 Ecology (Advanced)</b>	6	<b>A</b> Although not prerequisites, knowledge obtained from BIOL3006/3906, and BIOL3008/3908 and/or BIOL3009/3909, is strongly recommended. Students entering this unit of study should have achieved Distinction average. <b>P</b> Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. <b>N</b> BIOL3007, MARS3102	Semester 2
<b>BIOL3908 Marine Field Ecology (Advanced)</b>	6	<b>A</b> BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. <b>P</b> Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate Biology and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. <b>N</b> BIOL3008, MARS3102. <i>Dates: 3 - 10 July 2010.</i>	S2 Intensive

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>BIOL3909</b> Terrestrial Field Ecology (Advanced)	6	<b>A</b> BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. <b>P</b> Distinction average in 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001 <b>N</b> BIOL3009. <i>Note: One 6 day field trip held in the pre-semester break (18 - 23 July 2010) and 4 practical classes during weeks 1-4 in Semester 2.</i>	S2 Intensive
<b>BIOL3910</b> Tropical Wildlife Biol & Management Adv	6	<b>A</b> None, although BIOL2012/2912 (Vertebrates and their Origins) would be useful. <b>P</b> Distinction average in 12 credit points of Intermediate Biology (BIOL/ENVI/PLNT). <b>N</b> BIOL3010 <i>Note: Department permission required for enrolment</i> <i>Dates: 14 - 19 February 2010 Northern Territory followed by tutorials and practical classes at the University of Sydney 22 - 26 February 2010.</i>	S1 Intensive
<b>BIOL3911</b> Ecophysiology (Advanced)	6	<b>A</b> BIOL (2012 or 2912 or 2016 or 2916) or PLNT (2003 or 2903) <b>P</b> Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. <b>N</b> BIOL3011 <i>The completion of 6 credit points of MBLG units is highly recommended.</i>	Semester 1
<b>BIOL3912</b> Animal Physiology (Advanced)	6	<b>P</b> Distinction average in 12 credit points of Intermediate Biology including BIOL (2012 or 2912 or 2016 or 2916) or PLNT (2003 or 2903). These requirements may be varied and students with lower averages should consult the Unit Executive Officer. <b>N</b> BIOL3012 <i>The completion of 6 credit points of MBLG units is highly recommended.</i>	Semester 1
<b>BIOL3913</b> Marine Biology (Advanced)	6	<b>A</b> BIOL2018 or MARS2006 <b>P</b> Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. <b>N</b> BIOL3013 <i>The completion of 6 credit points of MBLG units is highly recommended.</i>	Semester 1
<b>BIOL3917</b> Fungi in the Environment (Advanced)	6	<b>P</b> Distinction average in 12 credit points of Intermediate Biology and Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography. <b>N</b> BIOL3017 <i>The completion of 6 credit points of MBLG units is highly recommended.</i>	S1 Intensive
<b>BIOL3925</b> Evolutionary Gen. & Animal Behaviour Adv	6	<b>P</b> Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802. <b>N</b> BIOL3025.	Semester 2
<b>BIOL3926</b> Developmental Genetics (Advanced)	6	<b>P</b> Distinction average in 12 credit points from MBLG (2071/2971), and MBLG (2072/2972). For BMedSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802. <b>N</b> BIOL3026	Semester 2
<b>BIOL3927</b> Bioinformatics and Genomics (Advanced)	6	<b>P</b> Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802. <b>N</b> BIOL3027	Semester 1
<b>MBLG1001</b> Molecular Biology and Genetics (Intro)	6	<b>A</b> 6 credit points of Junior Biology and 6 cp of Junior Chemistry <b>N</b> AGCH2001, BCHM2001, BCHM2101, BCHM2901, MBLG2101, MBLG2901, MBLG2001, MBLG2111, MBLG2771, MBLG2871, MBLG1901	Semester 2
<b>MBLG2071</b> Molecular Biology and Genetics A	6	<b>P</b> MBLG1001 or MBLG1901 and 12 CP of Junior Chemistry. <b>N</b> MBLG2971, MBLG2771, MBLG2871, MBLG2001, MBLG2101, MBLG2901, MBLG2111, PLNT2001, AGCH2001, BCHM2001, BCHM2101, BCHM2901 <i>Students enrolled in the combined BAppSc (Exercise and Sport Science)/BSc(Nutrition) must have completed all Junior units for this course (CHEM1101, BACH1161, BIOS1159, EXSS1018 CHEM1102, BIOS1133, BIOS1160, EXSS1033, MBLG1001) prior to enrolling in this unit.</i>	Semester 1
<b>MBLG2072</b> Molecular Biology and Genetics B	6	<b>A</b> One of MBLG2071, MBLG2771, MBLG2001, MBLG2871, MBLG2971, MBLG2901 <b>P</b> BIOL (1001 or 1101 or 1901 or 1911) and MBLG (1001 or 1901) and 12 credit points of Junior Chemistry <b>N</b> MBLG2972, MBLG2102, MBLG2002, MBLG2902	Semester 2
<b>MBLG2971</b> Molecular Biology and Genetics A (Adv)	6	<b>P</b> 12 credit points of Junior Chemistry and Distinction in MBLG (1001 or 1901) <b>N</b> MBLG2071, MBLG2771, MBLG2871, MBLG2001, MBLG2101, MBLG2901, MBLG2111, PLNT2001, AGCH2001, BCHM2001, BCHM2101, BCHM2901 <i>Students enrolled in the combined BAppSc (Exercise and Sport Science)/BSc(Nutrition) must have completed all Junior units for this course prior to enrolling in this unit.</i>	Semester 1
<b>MBLG2972</b> Molecular Biology and Genetics B (Adv)	6	<b>P</b> Distinction in one of MBLG2071, MBLG2771, MBLG2001, MBLG2871, MBLG2971, MBLG2901 <b>N</b> MBLG2072, MBLG2102, MBLG2002, MBLG2902	Semester 2
<b>PLNT2001</b> Plant Biochemistry and Molecular Biology	6	<b>P</b> 12 credit points of Junior Chemistry and 12 credit points of Junior Biology (or with the Dean's permission BIOL1201 and BIOL1202) <b>N</b> PLNT2901, AGCH2001	Semester 1
<b>PLNT2002</b> Aust Flora: Ecology and Conservation	6	<b>P</b> 6 credit points of a Junior unit of study <b>N</b> PLNT2902	Semester 1
<b>PLNT2003</b> Plant Form and Function	6	<b>A</b> 12 credit points of Junior Biology, or equivalent eg BIOL (1001 or 1101 or 1901 or 1911) and BIOL (1002 or 1902 or 1003 or 1903) <b>N</b> PLNT2903, BIOL2003, BIOL2903, CROP2001	Semester 2
<b>PLNT2901</b> Plant Biochem & Molecular Biology (Adv)	6	<b>P</b> A Distinction average in 12 credit points of Junior Chemistry and 12 credit points of Junior Biology (or with the Dean's permission BIOL1201 and BIOL1202) <b>N</b> PLNT2001, AGCH2001	Semester 1
<b>PLNT2902</b> Aust Flora: Ecology & Conservation (Adv)	6	<b>A</b> The contents of BIOL(1002 or 1902) is assumed knowledge. Students wishing to enroll in Intermediate Biology (BIOL) and Plant Science (PLNT) units of study using BIOL(1003 or 1903) will need to do some preparatory reading <b>P</b> Distinction average in 6 credit points of Junior units of study <b>N</b> PLNT2002	Semester 1

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>PLNT2903</b> Plant Form and Function (Advanced)	6	<b>A</b> 12 credit points of Junior Biology, or equivalent eg BIOL (1001 or 1101 or 1901 or 1911) and BIOL (1002 or 1902 or 1003 or 1903) <b>N</b> PLNT2003, BIOL2003, BIOL2903, CROP2001	Semester 2
<b>PLNT3001</b> Plant, Cell and Environment	6	<b>P</b> 12 credit points of Intermediate Biology, Plant Science, Molecular Biology and Genetics or equivalent <b>N</b> PLNT3901	Semester 2
<b>PLNT3901</b> Plant, Cell and Environment (Advanced)	6	<b>P</b> 12 credit points of Intermediate Biology, Plant Science, Molecular Biology and Genetics or equivalent with average grade of distinction <b>N</b> PLNT3001 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>BIOL4012</b> Biology Honours B	12	<b>C</b> BIOL4011 or (BIOL4015 and BIOL4016)	Semester 1 Semester 2
<b>BIOL4013</b> Biology Honours C	12	<b>C</b> BIOL4012	Semester 1 Semester 2
<b>BIOL4014</b> Biology Honours D	12	<b>C</b> BIOL4013 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>Chemistry</b>			
<b>CHEM1001</b> Fundamentals of Chemistry 1A	6	<b>A</b> There is no assumed knowledge of chemistry for this unit of study, but students who have not undertaken an HSC chemistry course are strongly advised to complete a chemistry bridging course before lectures commence. <b>N</b> CHEM1101, CHEM1901, CHEM1109, CHEM1903	Semester 1
<b>CHEM1002</b> Fundamentals of Chemistry 1B	6	<b>P</b> CHEM (1001 or 1101) or equivalent <b>N</b> CHEM1102, CHEM1108, CHEM1902, CHEM1904	Semester 2
<b>CHEM1101</b> Chemistry 1A	6	<b>A</b> HSC Chemistry and Mathematics <b>C</b> Recommended concurrent units of study: 6 credit points of Junior Mathematics <b>N</b> CHEM1001, CHEM1109, CHEM1901, CHEM1903	Semester 1 Semester 2 Summer Main
<b>CHEM1102</b> Chemistry 1B	6	<b>P</b> CHEM (1101 or 1901) or a Distinction in CHEM1001 or equivalent <b>C</b> Recommended concurrent units of study: 6 credit points of Junior Mathematics <b>N</b> CHEM1002, CHEM1108, CHEM1902, CHEM1904	Semester 1 Semester 2 Summer Main
<b>CHEM1901</b> Chemistry 1A (Advanced)	6	<b>P</b> UAI (or ATAR equivalent) of at least 95 and HSC Chemistry result in band 5 or 6, or Distinction or better in a University level Chemistry unit, or by invitation <b>C</b> Recommended concurrent unit of study: 6 credit points of Junior Mathematics <b>N</b> CHEM1001, CHEM1101, CHEM1109, CHEM1903 <i>Note: Department permission required for enrolment</i>	Semester 1
<b>CHEM1902</b> Chemistry 1B (Advanced)	6	<b>P</b> CHEM (1901 or 1903) or Distinction in CHEM1101 or equivalent <b>C</b> Recommended concurrent unit of study: 6 credit points of Junior Mathematics <b>N</b> CHEM1002, CHEM1102, CHEM1108, CHEM1904 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>CHEM2401</b> Molecular Reactivity and Spectroscopy	6	<b>P</b> CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior Mathematics. <b>N</b> CHEM2001, CHEM2101, CHEM2301, CHEM2311, CHEM2502, CHEM2901, CHEM2903, CHEM2911, CHEM2915. <i>This is a required chemistry unit of study for students intending to major in chemistry.</i>	Semester 1
<b>CHEM2911</b> Molecular Reactivity & Spectroscopy Adv	6	<b>P</b> Credit average or better in CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior Mathematics. <b>N</b> CHEM2001, CHEM2101, CHEM2301, CHEM2311, CHEM2401, CHEM2502, CHEM2901, CHEM2903, CHEM2915.	Semester 1
<b>CHEM2915</b> Molecular Reactivity & Spectroscopy SSP	6	<b>P</b> By invitation. High WAM and a Distinction average in CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior Mathematics. <b>N</b> CHEM2001, CHEM2101, CHEM2301, CHEM2311, CHEM2401, CHEM2502, CHEM2901, CHEM2903, CHEM2911. <i>Note: Department permission required for enrolment</i> <i>The number of places in this unit of study is strictly limited and entry is by invitation only.</i> <i>Enrolment is conditional upon available places.</i>	Semester 1
<b>CHEM2402</b> Chemical Structure and Stability	6	<b>P</b> CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior of Mathematics. <b>N</b> CHEM2202, CHEM2302, CHEM2902, CHEM2912, CHEM2916. <i>This is a required chemistry unit of study for students intending to major in chemistry.</i>	Semester 2
<b>CHEM2912</b> Chemical Structure and Stability (Adv)	6	<b>P</b> Credit average or better in CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior Mathematics. <b>N</b> CHEM2202, CHEM2302, CHEM2402, CHEM2902, CHEM2916.	Semester 2
<b>CHEM2916</b> Chemical Structure and Stability (SSP)	6	<b>P</b> By invitation. High WAM and a Distinction average in CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior Mathematics. <b>N</b> CHEM2202, CHEM2302, CHEM2402, CHEM2902, CHEM2912. <i>Note: Department permission required for enrolment</i> <i>The number of places in this unit of study is strictly limited and entry is by invitation only.</i> <i>Enrolment is conditional upon available places.</i>	Semester 2
<b>CHEM2404</b> Forensic and Environmental Chemistry	6	<b>P</b> 12 credit points of Junior Chemistry; 6 credit points of Junior Mathematics <b>N</b> CHEM3107, CHEM3197 <i>To enrol in Senior Chemistry students are required to have completed CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). Students are advised that combinations of Intermediate Chemistry units that do not meet this requirement will generally not allow progression to Senior Chemistry.</i>	Semester 1
<b>CHEM2403</b> Chemistry of Biological Molecules	6	<b>P</b> 12 credit points of Junior Chemistry, 6 credit points of Junior Mathematics. <b>N</b> CHEM2001, CHEM2901, CHEM2311, CHEM2903, CHEM2913. <i>To enrol in Senior Chemistry, students are required to have completed CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). Students are advised that combinations of Intermediate Chemistry units that do not meet this requirement will generally not allow progression to Senior Chemistry.</i>	Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>CHEM3110</b> Biomolecules: Properties and Reactions	6	<b>P</b> CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). <b>N</b> CHEM3910	Semester 1
<b>CHEM3910</b> Biomolecules: Properties & Reactions Adv	6	<b>P</b> WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). <b>N</b> CHEM3110	Semester 1
<b>CHEM3111</b> Organic Structure and Reactivity	6	<b>P</b> CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). <b>N</b> CHEM3911	Semester 1
<b>CHEM3911</b> Organic Structure and Reactivity (Adv)	6	<b>P</b> WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). <b>N</b> CHEM3111	Semester 1
<b>CHEM3112</b> Materials Chemistry	6	<b>P</b> CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). <b>N</b> CHEM3912	Semester 1
<b>CHEM3912</b> Materials Chemistry (Adv)	6	<b>P</b> WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). <b>N</b> CHEM3112	Semester 1
<b>CHEM3113</b> Catalysis and Sustainable Processes	6	<b>P</b> CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). <b>N</b> CHEM3913	Semester 1
<b>CHEM3913</b> Catalysis and Sustainable Process (Adv)	6	<b>P</b> WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). <b>N</b> CHEM3113	Semester 1
<b>CHEM3114</b> Metal Complexes: Medicine and Materials	6	<b>P</b> CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916) <b>N</b> CHEM3914	Semester 2
<b>CHEM3914</b> Metal Complexes: Medic. & Mater. (Adv)	6	<b>P</b> WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). <b>N</b> CHEM3114	Semester 2
<b>CHEM3115</b> Synthetic Medicinal Chemistry	6	<b>P</b> CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916) <b>N</b> CHEM3915	Semester 2
<b>CHEM3915</b> Synthetic Medicinal Chemistry (Adv)	6	<b>P</b> WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). <b>N</b> CHEM3115	Semester 2
<b>CHEM3116</b> Membranes, Self Assembly and Surfaces	6	<b>P</b> CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916) <b>N</b> CHEM3916	Semester 2
<b>CHEM3117</b> Molecular Spectroscopy & Quantum Theory	6	<b>P</b> CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916) <b>N</b> CHEM3917	Semester 2
<b>CHEM3917</b> Mol. Spectroscopy & Quantum Theory (Adv)	6	<b>P</b> WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). <b>N</b> CHEM3117	Semester 2
<b>CHEM4011</b> Chemistry Honours A	12	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>CHEM4012</b> Chemistry Honours B	12	<b>C</b> CHEM4011	Semester 1 Semester 2
<b>CHEM4013</b> Chemistry Honours C	12	<b>C</b> CHEM4012	Semester 1 Semester 2
<b>CHEM4014</b> Chemistry Honours D	12	<b>C</b> CHEM4013	Semester 1 Semester 2
<b>Computer Science</b>			
<b>INFO1103</b> Introduction to Programming	6	<b>A</b> HSC Mathematics <b>N</b> SOFT (1001 or 1901) or COMP (1001 or 1901) or DECO2011	Semester 1 Semester 2
<b>INFO1903</b> Informatics (Advanced)	6	<b>A</b> HSC Mathematics <b>P</b> UAI (or ATAR equivalent) sufficient to enter BCST(Adv), BIT or BSc(Adv), or portfolio of work suitable for entry <i>Note: Department permission required for enrolment</i>	Semester 1
<b>INFO1105</b> Data Structures	6	<b>A</b> Programming, as for INFO1103 <b>N</b> INFO1905 or SOFT (1002 or 1902) or COMP (1002 or 1902 or 2160 or 2860 or 2111 or 2811 or 2002 or 2902)	Semester 2
<b>INFO1905</b> Data Structures (Advanced)	6	<b>P</b> Distinction-level performance in INFO1103 or INFO1903 or SOFT1001 or SOFT1901. <b>N</b> INFO1105 or SOFT (1002 or 1902) or COMP (1002 or 1902)	Semester 2
<b>ELEC1601</b> Foundations of Computer Systems	6	<b>A</b> HSC Mathematics extension 1 or 2 <b>N</b> COMP2001 Computer Systems, COMP2901 Computer Systems (Adv).	Semester 2
<b>COMP2007</b> Algorithms and Complexity	6	<b>A</b> INFO1105, MATH1004 or MATH1904 <b>N</b> COMP (2907 or 3309 or 3609 or 3111 or 3811)	Semester 2
<b>COMP2907</b> Algorithms and Complexity (Advanced)	6	<b>A</b> INFO1905, MATH1904 <b>P</b> Distinction level result in INFO (1105 or 1905) or SOFT (1002 or 1902) <b>N</b> COMP (2007 or 3309 or 3609 or 3111 or 3811)	Semester 2
<b>COMP2129</b> Operating Systems and Machine Principles	6	<b>A</b> Programming, as from INFO1103 <b>N</b> SOFT (2130 or 2830 or 2004 or 2904) or COMP (2004 or 2904)	Semester 1
<b>INFO2110</b> Systems Analysis and Modelling	6	<b>A</b> Experience with a data model as in INFO1003 or INFO1103 or INFS1000 <b>N</b> INFO (2810 or 2000 or 2900)	Semester 2
<b>INFO2120</b> Database Systems 1	6	<b>A</b> Some exposure to programming and some familiarity with data model concepts such as taught in INFO1103 or INFO1003 or INFS1000 or INFO1903 <b>N</b> INFO (2820 or 2005 or 2905)	Semester 1

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>INFO2820</b> Database Systems 1 (Advanced)	6	<b>P</b> Distinction-level result in INFO (1003 or 1103 or 1903 or 1105 or 1905) or SOFT (1001 or 1901 or 1002 or 1902) <b>N</b> INFO (2120 or 2005 or 2905)	Semester 1
<b>INFO2315</b> Introduction to IT Security	6	<b>A</b> Computer literacy <b>N</b> NETS (3305 or 3605 or 3016 or 3916) or ELEC (5610 or 5616)	Semester 2
<b>INFO3402</b> Management of IT Projects and Systems	6	<b>A</b> INFO (2000 or 2110 or 2810 or 2900) <b>N</b> ISYS (3000 or 3012) or ELEC3606	Semester 1
<b>INFO3220</b> Object Oriented Design	6	<b>A</b> INFO2110, INFO1105 <b>N</b> SOFT (3301 or 3601 or 3101 or 3801) or COMP (3008 or 3908)	Semester 1
<b>COMP3520</b> Operating Systems Internals	6	<b>A</b> COMP2129, INFO1105 <b>N</b> NETS (3304 or 3604 or 3009 or 3909) or COMP (3009 or 3909)	Semester 1
<b>COMP3308</b> Introduction to Artificial Intelligence	6	<b>A</b> COMP2007 <b>N</b> COMP (3608 or 3002 or 3902)	Semester 1
<b>COMP3608</b> Intro. to Artificial Intelligence (Adv)	6	<b>P</b> Distinction-level results in some 2nd year COMP or MATH or SOFT units. <b>N</b> COMP (3308 or 3002 or 3902)	Semester 1
<b>COMP3419</b> Graphics and Multimedia	6	<b>A</b> COMP2007, MATH1002 <b>N</b> MULT (3306 or 3606 or 3019 or 3919 or 3004 or 3904) or COMP(3004 or 3904)	Semester 1
<b>INFO3600</b> Major Development Project (Advanced)	12	<b>P</b> INFO3402 <b>N</b> COMP3615 or ISYS3400 or SOFT (3300 or 3600 or 3200 or 3700) <i>Only available to students in BIT, BCST(Adv) or BSc(Adv)</i>	Semester 2
<b>COMP3615</b> Software Development Project	6	<b>P</b> INFO3402 <b>N</b> INFO3600 or SOFT (3300 or 3600 or 3200 or 3700)	Semester 2
<b>INFO3404</b> Database Systems 2	6	<b>A</b> Introductory database study such as INFO2120 or INFO2820 or INFO2005 or INFO2905. Students are expected to be familiar with SQL and the relational data model, and to have some programming experience. <b>N</b> INFO (3504 or 3005 or 3905) or COMP (3005 or 3905)	Semester 2
<b>INFO3504</b> Database Systems 2 (Adv)	6	<b>P</b> Distinction-level result in INFO (2120 or 2820) or COMP (2007 or 2907) <b>N</b> INFO (3404 or 3005 or 3905) or COMP (3005 or 3905)	Semester 2
<b>COMP3109</b> Programming Languages and Paradigms	6	<b>A</b> COMP2007	Semester 2
<b>INFO3315</b> Human-Computer Interaction	6	<b>A</b> INFO2110 <b>N</b> MULT (3307 or 3607 or 3018 or 3918) or SOFT (3102 or 3802) or COMP (3102 or 3802)	Semester 2
<b>COMP3456</b> Computational Methods for Life Sciences	6	<b>P</b> INFO1105 and (COMP2007 or INFO2120) and 6 credit points from BIOL or MBLG	Semester 2
<b>ELEC3506</b> Data Communications and the Internet	6	<b>N</b> NETS2150 Fundamentals of Networking, NETS2009 Network Organisation, NETS2909 Network Organisation (Adv), NETS3007 Network Protocols, NETS3907 Network Protocols (Advanced), ELEC3504 Data Communications and the Internet, ELEC4501 Data Communication Networks.	Semester 2
<b>ELEC3610</b> E-Business Analysis and Design	6	<b>P</b> INFO2120 <b>N</b> EBUS3003 E-Business System Design, EBUS3001 Introduction to e-Commerce Systems	Semester 1
<b>ELEC3609</b> Internet Software Platforms	6	<b>P</b> INFO1103, INFO2110, INFO2120 <b>N</b> EBUS4001 E-Business Engineering	Semester 2
<b>Economics</b>			
<b>ECMT1010</b> Business and Economic Statistics A	6	<b>N</b> ECMT1011, ECMT1012, ECMT1013, MATH1015, MATH1005, MATH1905, STAT1021, ECOF1010	Semester 1 Semester 2
<b>ECMT1020</b> Business and Economic Statistics B	6	<b>P</b> ECMT1010 or ECOF1010 <b>N</b> ECMT1021, ECMT1022, ECMT1023	Semester 1 Semester 2 Summer Main
<b>ECON1001</b> Introductory Microeconomics	6	<b>A</b> Mathematics	Semester 1 Summer Main
<b>ECON1002</b> Introductory Macroeconomics	6	<b>A</b> Mathematics	Semester 2 Summer Main
<b>ECOS1551</b> Economics Exchange	6	<i>Note: Department permission required for enrolment</i>	S1 Late Int S2 Late Int
<b>ECOS2001</b> Intermediate Microeconomics	6	<b>P</b> ECON1001 <b>C</b> ECMT1010 <b>N</b> ECON2001, ECOS2901, ECON2901 <i>Certain combinations of Maths/Stats may substitute for Econometrics. Consult the Chair of the Discipline of Economics.</i>	Semester 1 Semester 2 Summer Main
<b>ECOS2002</b> Intermediate Macroeconomics	6	<b>P</b> ECON1002 <b>C</b> ECMT1020 <b>N</b> ECON2002, ECOS2902, ECON2902 <i>Certain combinations of Maths/Stats may substitute for Econometrics. Consult the Chair of the Discipline of Economics.</i>	Semester 1 Semester 2 Summer Main
<b>ECOS2201</b> Economics of Competition and Strategy	6	<b>P</b> ECON1001, ECON1002 <b>N</b> ECON2201, ECOS3005	Semester 2
<b>ECOS2306</b> Managerial Firms: Evolution & Attributes	6	<b>P</b> ECON1001, ECON1002 <b>N</b> ECHS2306, ECOS3003, ECON3003	Semester 1
<b>ECOS2551</b> Economics Exchange	6	<i>Note: Department permission required for enrolment</i>	S1 Late Int S2 Late Int
<b>ECOS2552</b> Economics Exchange	6	<i>Note: Department permission required for enrolment</i>	S1 Late Int S2 Late Int

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>ECOS2901</b> Intermediate Microeconomics Honours	6	<b>P</b> ECON1001 and ECON1002 with a Credit average or better in the two units of study combined <b>C</b> ECOS2903 and ECMT1010 <b>N</b> ECON2901, ECOS2001, ECON2001 <i>Certain combinations of Maths/Stats may substitute for Econometrics. Consult the Chair of the Discipline of Economics.</i>	Semester 1
<b>ECOS2902</b> Intermediate Macroeconomics Honours	6	<b>P</b> ECON1001 and ECON1002 with a Credit average or better in the two units of study combined <b>C</b> ECMT1020 <b>N</b> ECON2902, ECOS2002, ECON2002 <i>Certain combinations of Maths/Stats may substitute for Econometrics. Consult the Chair of the Discipline of Economics.</i>	Semester 2
<b>ECOS2903</b> Mathematical Economics A	6	<b>C</b> ECOS2901 <b>N</b> ECON2903	Semester 1
<b>ECOS3002</b> Development Economics	6	<b>P</b> One of (ECOS2001 or ECON2001) or (ECOS2002 or ECON2002) or (ECOS2901 or ECON2901) or (ECOS2902 or ECON2902) <b>N</b> ECON3002	Semester 2
<b>ECOS3003</b> Hierarchies, Incentives & Firm Structure	6	<b>P</b> Either (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) <b>N</b> ECON3003	Semester 2
<b>ECOS3004</b> History of Economic Thought	6	<b>P</b> 1 of (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) or (ECOS2002 or ECON2002) or (ECOS2902 or ECON2902) or (ECOP2011 or ECOP2001) or (ECOP2012 or ECOP2002) <b>N</b> ECON3004	Semester 2
<b>ECOS3005</b> Industrial Organisation	6	<b>P</b> One of (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) <b>N</b> ECON3005, ECOS2201	Semester 2
<b>ECOS3006</b> International Trade	6	<b>P</b> Either (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) <b>N</b> ECON3006	Semester 1
<b>ECOS3007</b> International Macroeconomics	6	<b>P</b> One of (ECOS2002 or ECON2002) or (ECOS2902 or ECON2902) <b>N</b> ECON3007	Semester 1
<b>ECOS3008</b> Labour Economics	6	<b>P</b> One of (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) or (ECOP2011 or ECOP2001) and one of (ECOS2002 or ECON2002) or (ECOS2902 or ECON2902) or (ECOP2012 or ECOP2002) <b>N</b> ECON3008	Semester 1
<b>ECOS3010</b> Monetary Economics	6	<b>P</b> one of (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) or (ECOS2002 or ECON2002) or (ECOS2902 or ECON2902) <b>N</b> ECON3010	Semester 1
<b>ECOS3011</b> Public Finance	6	<b>P</b> Either (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) <b>N</b> ECON3011	Semester 2
<b>ECOS3012</b> Strategic Behaviour	6	<b>P</b> Either (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901). <b>N</b> ECON3012, ECOS3901	Semester 1 Summer Main
<b>ECOS3016</b> Experimental and Behavioural Economics	6	<b>P</b> ECOS2001 (or ECON2001) OR ECOS2901 (or ECON2901)	Semester 2
<b>ECOS3017</b> Health Economics	6	<b>P</b> ECOS2001 (or ECON2001) OR ECOS2901 (or ECON2901)	Semester 1
<b>ECOS3018</b> Economics of Growth	6	<b>P</b> ECOS2001 (or ECON2001) OR ECOS2901 (or ECON2901) and ECOS2002 (or ECON2002) OR ECOS2902 (or ECON2902) <b>N</b> ECOS3001	Semester 2
<b>ECOS3019</b> Capital and Dynamics	6	<b>P</b> ECOS2001 (or ECON2001) OR ECOS2901 (or ECON2901) and ECOS2002 (or ECON2002) OR ECOS2902 (or ECON2902) <b>N</b> ECOS3001	Semester 1
<b>ECOS3020</b> Special Topic in Economics	6	<b>P</b> ECOS2001 (or ECON2001) and ECOS2002 (or ECON2002) OR ECOS2901 (or ECON2901) and ECOS2902 (or ECON2902) <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ECOS3551</b> Economics Exchange	6	<b>P</b> ECON1001 and ECON1002 <i>Note: Department permission required for enrolment</i>	S1 Late Int S2 Late Int
<b>ECOS3552</b> Economics Exchange	6	<b>P</b> ECON1001 and ECON1002 <i>Note: Department permission required for enrolment</i>	S1 Late Int S2 Late Int
<b>ECOS3553</b> Economics Exchange	6	<b>P</b> ECON1001 and ECON1002 <i>Note: Department permission required for enrolment</i>	S1 Late Int S2 Late Int
<b>ECOS3554</b> Economics Exchange	6	<b>P</b> ECON1001 and ECON1002 <i>Note: Department permission required for enrolment</i>	S1 Late Int S2 Late Int
<b>ECOS3901</b> Advanced Microeconomics	6	<b>P</b> (ECOS2901 or ECON2901) and (ECOS2902 or ECON2902) and (ECOS2903 or ECON2903) with a Credit average or better over the three units combined. <b>C</b> ECMT2110 or ECMT2010 <b>N</b> ECON3901, ECOS3012 <i>Note: Department permission required for enrolment</i> <i>Students intending to proceed to fourth year economics honours must also complete at least one unit of study from (ECOS3001 or ECON3001) to ECOS3019 inclusive</i>	Semester 1
<b>ECOS3902</b> Advanced Macroeconomics	6	<b>P</b> (ECOS2901 or ECON2901), (ECOS2902 or ECON2902), (ECOS2903 or ECON2903) and (ECOS3901 or ECON3901) <b>C</b> ECOS3903 <b>N</b> ECON3902 <i>Students intending to proceed to fourth year economics honours must also complete at least one unit of study from (ECOS3001 or ECON3001) to ECOS3019 inclusive</i>	Semester 2
<b>ECOS3903</b> Applied Economics	6	<b>P</b> ECOS2901 (or ECON2901), ECOS2902 (or ECON2902) and ECOS2903 (or ECON2903) <b>C</b> ECMT2110 and ECOS3901 or ECOS3902 <i>This unit is compulsory for students intending to proceed to fourth year honours.</i>	Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>ECON4101</b> Economics Honours A	12	<b>P</b> The prerequisite for entry to Economics Honours is at least 24 credit points at 3000 level Economics, including Advanced Microeconomics: (ECOS3901 or ECON3901), Advanced Macroeconomics (ECOS3902 or ECON3902) and Applied Microeconomics (ECOS3903) with a high Credit average or better in ECOS3901, ECOS3902 and ECOS3903; and Regression Modelling (ECMT2110 or ECMT2010) <i>Note: Department permission required for enrolment</i> <i>Requirements for the Pass degree must be completed before entry to 4000 level honours units of study.</i>	Semester 1 Semester 2
<b>ECON4102</b> Economics Honours B	12	<b>C</b> ECON4101	Semester 1 Semester 2
<b>ECON4103</b> Economics Honours C	12	<b>C</b> ECON4102	Semester 1 Semester 2
<b>ECON4104</b> Economics Honours D	12	<b>C</b> ECON4103	Semester 1 Semester 2
<b>Education</b>			
<b>EDUF1016</b> Science Foundations 1	6		Semester 1
<b>EDUF1017</b> Science Foundations 2	6		Semester 2
<b>EDUF1018</b> Education, Teachers and Teaching	6	<b>N</b> EDUF1011	Semester 1
<b>EDUF1019</b> Human Development and Education	6	<b>N</b> EDUF1012	Semester 2
<b>EDUF2006</b> Educational Psychology	6	<b>P</b> (EDUF1018 and EDUF1019) or 30 junior credit points	Semester 1
<b>EDUF2007</b> Social Perspectives on Education	6	<b>P</b> (EDUF1018 and EDUF1019) or 30 junior credit points	Semester 2
<b>EDUF3023</b> Sports, Leisure and Youth	6	<b>P</b> 42 credit points	Semester 1
<b>EDUF3026</b> Global Poverty and Education	6	<b>P</b> 42 credit points.	Semester 2
<b>EDUF3027</b> International Education	6	<b>P</b> 42 credit points	Semester 1
<b>EDUF3028</b> Mentoring in Educational Contexts	6	<b>P</b> 42 credit points	Semester 1
<b>EDUF3029</b> Psychology of Learning and Teaching	6	<b>P</b> 42 credit points and EDUF2006	Semester 2
<b>EDUF3030</b> Australian Secondary Schooling	6	<b>P</b> 42 credit points	Semester 1
<b>EDUF3031</b> Positive Approaches to Special Education	6	<b>P</b> 42 credit points	Semester 1 Semester 2
<b>EDUF3032</b> Curriculum and Evaluation	6	<b>P</b> 42 credit points	Semester 2
<b>EDUF3034</b> Australian Theatre, Film and Learning	6	<b>P</b> 42 credit points	Semester 1 Semester 2
<b>EDUF3035</b> Multicultural Learning and Teaching	6	<b>P</b> 42 credit points	Semester 1
<b>EDUF3036</b> Arts-Based Learning and Teaching	6	<b>P</b> 42 credit points	Semester 2
<b>EDUF4215</b> Education Honours 1	24	<b>P</b> 18 credit points from the following: EDUF3023, EDUF3024, EDUF3026, EDUF3027, EDUF3028, EDUF3029, EDUF3030, EDUF3031, EDUF3032 or EDUF3033 <i>Note: Department permission required for enrolment</i> <i>Only students undertaking Education Honours from other Faculties are eligible to enrol.</i>	Semester 1
<b>EDUF4216</b> Education Honours 2	24	<b>P</b> 18 credit points from the following: EDUF3023, EDUF3024, EDUF3026, EDUF3027, EDUF3028, EDUF3029, EDUF3030, EDUF3031, EDUF3032, EDUF3033 or EDUF4215 <b>C</b> EDUF4215 <i>Note: Department permission required for enrolment</i> <i>Only students undertaking Education Honours from other Faculties are eligible to enrol.</i>	Semester 2
<b>Environmental Studies</b>			
<b>GEOS1001</b> Earth, Environment and Society	6	<b>N</b> GEOS1901, GEOG1001, GEOG1002, GEOL1001, GEOL1002, GEOL1902	Semester 1 Summer Late
<b>GEOS1901</b> Earth, Environment and Society Advanced	6	<b>P</b> Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator. <b>N</b> GEOS1001, GEOG1001, GEOG1002, GEOL1001, GEOL1002, GEOL1902 <i>Note: Department permission required for enrolment</i>	Semester 1
<b>GEOS2112</b> Economic Geography of Global Development	6	<b>P</b> 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002 <b>N</b> GEOS2912, GEOG2511	Semester 1
<b>GEOS2113</b> Making the Australian Landscape	6	<b>P</b> 24 credit points of Junior units of study, including GEOS1002 or GEOS1003 or GEOS1902 or GEOS1903 or GEOG1001 or ENV1002 or GEOL1001 or GEOL1002 or GEOL1902 <b>N</b> GEOS2913	Semester 1
<b>GEOS2122</b> Urban Geography	6	<b>P</b> 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002. <b>N</b> GEOS2922, GEOG2521	Semester 2



<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>GEOS2912</b> Economic Geography of Global Dev. Adv.	6	<b>P</b> 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002 <b>N</b> GEOS2112, GEOG2511	Semester 1
<b>GEOS2922</b> Urban Geography (Advanced)	6	<b>P</b> 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002 <b>N</b> GEOS2122	Semester 2
<b>GEOS3014</b> GIS in Coastal Management	6	<b>P</b> MARS(2005 or 2905) and MARS(2006 or 2906), or 12 credit points of Intermediate Geoscience* units, or (GEOS(2115 or 2915) and BIOL(2018 or 2918)) <b>N</b> GEOS3914, MARS3104. * <i>Geoscience is the disciplines of Geography, Geology and Geophysics.</i>	Semester 2
<b>GEOS3018</b> Rivers: Science, Policy and Management	6	<b>P</b> (24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906)) <b>N</b> GEOS3918	Semester 1
<b>GEOG3521</b> Sustainable Cities	6	<b>P</b> 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience <b>N</b> GEOG3921, GEOG3202	Semester 2
<b>GEOS3522</b> Cities and Citizenship	6	<b>P</b> 6 credit points of Intermediate Geoscience <b>N</b> GEOG3203, GEOS3922	Semester 2
<b>GEOS3918</b> Rivers: Science and Management (Adv)	6	<b>P</b> Distinction average in (24 credit points of Intermediate units of study including 6 credit points of Intermediate Geography units of study) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906)) <b>N</b> GEOS3018	Semester 1
<b>GEOS3922</b> Cities and Citizenship (Advanced)	6	<b>P</b> Distinction average in 24 credit points of Intermediate Units of study including 6 credit points of Intermediate Geography units of study. <b>N</b> GEOS3522	Semester 2
<b>Geography</b>			
<b>GEOG1551</b> Geography Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOS2111</b> Natural Hazards: a GIS Approach	6	<b>P</b> 24 credit points of Junior units of study including 6 credit points of Junior Geoscience <b>N</b> GEOG2411, GEOS2911	Semester 1
<b>GEOS2112</b> Economic Geography of Global Development	6	<b>P</b> 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002 <b>N</b> GEOS2912, GEOG2511	Semester 1
<b>GEOS2113</b> Making the Australian Landscape	6	<b>P</b> 24 credit points of Junior units of study, including GEOS1002 or GEOS1003 or GEOS1902 or GEOS1903 or GEOG1001 or ENVI1002 or GEOL1001 or GEOL1002 or GEOL1902 <b>N</b> GEOS2913	Semester 1
<b>GEOS2121</b> Environmental and Resource Management	6	<b>P</b> 24 credit points of junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002 <b>N</b> GEOG2421, GEOL2202, GEOS2921	Semester 2
<b>GEOS2122</b> Urban Geography	6	<b>P</b> 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002. <b>N</b> GEOS2922, GEOG2521	Semester 2
<b>GEOS2911</b> Natural Hazards: a GIS Approach Advanced	6	<b>P</b> 24 credit points of junior units of study including a distinction in 6 credit points of Junior Geoscience <b>N</b> GEOG2411, GEOS2111	Semester 1
<b>GEOS2912</b> Economic Geography of Global Dev. Adv.	6	<b>P</b> 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002 <b>N</b> GEOS2112, GEOG2511	Semester 1
<b>GEOG2321</b> Fluvial and Groundwater Geomorphology	6	<b>P</b> GEOG(2311 or 2001) or 36 credit points of Junior study including GEOS(1001 or 1901) or GEOG1001 or ENVI(1001 or 1002) or GEOL1501. Students in the Bachelor of Resource Economics should have 36 credit points of study in Biology (or Land and Water Science), Chemistry and Mathematics. Students in the Bachelor of Land and Water Science should have 6 credit points of Junior Geoscience, 12 credit points of Chemistry, 6 credit points of Biology, BIOM1002. <b>N</b> GEOG (2002 or 2302 or 2303) or MARS2002 or MARS2006	Semester 2
<b>GEOG2556</b> Geography Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOG3521</b> Sustainable Cities	6	<b>P</b> 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience <b>N</b> GEOG3921, GEOG3202	Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>GEOG3551 Geography Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOG3552 Geography Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOG3553 Geography Exchange</b>	12	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOG3554 Geography Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOG3555 Geography Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOG3921 Sustainable Cities (Adv)</b>	6	<b>P</b> Distinction average 24 credit points of Intermediate Units of study including 6 credit points of Intermediate Geography units of study. <b>N</b> GEOG3521, GEOG3202	Semester 2
<b>GEOG4011 Geography Honours A</b>	12	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>GEOG4012 Geography Honours B</b>	12	<b>C</b> GEOG 4011	Semester 1 Semester 2
<b>GEOG4013 Geography Honours C</b>	12	<b>C</b> GEOG 4012	Semester 1 Semester 2
<b>GEOG4014 Geography Honours D</b>	12	<b>C</b> GEOG 4013	Semester 1 Semester 2
<b>Geology and Geophysics</b>			
<b>GEOL1551 Geology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOL1552 Geology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>GEOL2554 Geology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOL2555 Geology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOL2556 Geology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOL2557 Geology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOL3551 Geology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOL3552 Geology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOL3553 Geology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOL3554 Geology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOS1001 Earth, Environment and Society</b>	6	<b>N</b> GEOS1901, GEOG1001, GEOG1002, GEOL1001, GEOL1002, GEOL1902	Semester 1 Summer Late
<b>GEOS1002 Introductory Geography</b>	6	<b>N</b> GEOS1902, GEOG1001, GEOG1002	Semester 2
<b>GEOS1003 Introduction to Geology</b>	6	<b>N</b> GEOS1903, GEOL1002, GEOL1902, GEOL1501	Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>GEOS1901</b> Earth, Environment and Society Advanced	6	<b>P</b> Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator. <b>N</b> GEOS1001, GEOG1001, GEOG1002, GEOL1001, GEOL1002, GEOL1902 <i>Note: Department permission required for enrolment</i>	Semester 1
<b>GEOS1902</b> Introductory Geography (Advanced)	6	<b>P</b> Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator. <b>N</b> GEOS1002, GEOG1001, GEOG1002 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>GEOS1903</b> Introduction to Geology (Advanced)	6	<b>P</b> Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator. <b>N</b> GEOL1002, GEOL1902, GEOS1003 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>GEOS2111</b> Natural Hazards: a GIS Approach	6	<b>P</b> 24 credit points of Junior units of study including 6 credit points of Junior Geoscience <b>N</b> GEOG2411, GEOS2911	Semester 1
<b>GEOS2114</b> Volcanoes, Hot Rocks and Minerals	6	<b>P</b> One of (GEOG1001, GEOL1001, GEOL1002, GEOS1003, GEOS1903, ENVI1002, GEOL1902, GEOL1501) and 24 credit points of Junior Science units of study. <b>N</b> GEOL2111, GEOL2911, GEOS2914	Semester 1
<b>GEOS2121</b> Environmental and Resource Management	6	<b>P</b> 24 credit points of junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002 <b>N</b> GEOG2421, GEOL2202, GEOS2921	Semester 2
<b>GEOS2124</b> Fossils and Tectonics	6	<b>P</b> 24 credit points of Junior units of study, including GEOS1003 or GEOS1903 or GEOL1002 or GEOL1902 or GEOL1501 <b>N</b> GEOS2924, GEOL2123, GEOL2124	Semester 2
<b>GEOS2911</b> Natural Hazards: a GIS Approach Advanced	6	<b>P</b> 24 credit points of junior units of study including a distinction in 6 credit points of Junior Geoscience <b>N</b> GEOG2411, GEOS2111	Semester 1
<b>GEOS2912</b> Economic Geography of Global Dev. Adv.	6	<b>P</b> 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002 <b>N</b> GEOS2112, GEOG2511	Semester 1
<b>GEOS2914</b> Volcanoes, Hot Rocks and Minerals Adv	6	<b>P</b> 24 credit points of Junior Science units of study and Distinction in one of GEOL1002 or GEOS1002 or ENVI1002 or GEOL1501 or GEOL1902 or GEOS1003 or GEOS1903. This requirement may be varied and students should consult the unit of study coordinator. <b>N</b> GEOL2001, GEOS2114	Semester 1
<b>GEOS2921</b> Environmental & Resource Management Adv	6	<b>P</b> 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002. This requirement may be varied and students should consult the unit of study coordinator. <b>N</b> GEOG2421, GEOL2202, GEOS2121	Semester 2
<b>GEOS2922</b> Urban Geography (Advanced)	6	<b>P</b> 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002 <b>N</b> GEOS2122	Semester 2
<b>GEOS2924</b> Fossils and Tectonics (Advanced)	6	<b>P</b> Distinction in GEOS1003 or Distinction average in 12 credit points of Junior Geoscience units (Geoscience is the disciplines of Geography, Geology and Geophysics) <b>N</b> GEOS2124, GEOL2123, GEOL2124	Semester 2
<b>GEOS3008</b> Field Geology and Geophysics	6	<b>P</b> 12 credit points of Intermediate GEOS units <b>N</b> GEOL3103, GEOS3908	Semester 2a
<b>GEOS3009</b> Coastal Environments and Processes	6	<b>P</b> (6 credit points of Intermediate Geoscience units) and (6 further credit points of Intermediate Geoscience or 6 credit points of Physics or Mathematics or Information Technology or Engineering units) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906)) <b>N</b> GEOS3909, MARS3003, MARS3105 <i>* Geoscience is the disciplines of Geography, Geology and Geophysics.</i>	Semester 1
<b>GEOS3014</b> GIS in Coastal Management	6	<b>P</b> MARS(2005 or 2905) and MARS(2006 or 2906), or 12 credit points of Intermediate Geoscience* units, or (GEOS(2115 or 2915) and BIOL(2018 or 2918)) <b>N</b> GEOS3914, MARS3104. <i>* Geoscience is the disciplines of Geography, Geology and Geophysics.</i>	Semester 2
<b>GEOS3015</b> Environmental Geomorphology	6	<b>A</b> Intermediate geomorphology/ physical geography/ geology. <b>P</b> 24 credit points of Intermediate units, including 6 credit points of Intermediate Geoscience <b>N</b> GEOS3915	Semester 2
<b>GEOS3018</b> Rivers: Science, Policy and Management	6	<b>P</b> (24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906)) <b>N</b> GEOS3918	Semester 1
<b>GEOS3053</b> Asia-Pacific Field School-Assessment A	6	<b>P</b> 6 credit points of Intermediate units of study in Geography. Department permission is required for enrolment. <b>C</b> GEOS3054 <b>N</b> GEOG3201, GEOS3953 <i>Note: Department permission required for enrolment Students must contact the unit coordinator no later than the end of May in the year before taking this Unit.</i>	S1 Intensive
<b>GEOS3054</b> Asia-Pacific Field School-Assessment B	6	<b>P</b> 6 credit points of Intermediate units of study in Geography. Department permission required for enrolment. <b>C</b> GEOS3053 <b>N</b> GEOG3201, GEOS3954 <i>Note: Department permission required for enrolment Students must contact the unit coordinator no later than the end of May in the year before taking this Unit.</i>	S1 Intensive
<b>GEOS3511</b> Understanding Australia's Regions <i>This unit of study is not available in 2010</i>	6	<b>P</b> 24 credit points of Intermediate Units of study including 6 credit points of Intermediate Geography units of study - one of GEOG2311, GEOG2321, GEOG2411, GEOG2421, GEOG2511, GEOG2521, GEOS2111, GEOS2112, GEOS2113, GEOS2121, GEOS2122, GEOS2124, GEOS2911, GEOS2912, GEOS2921, GEOS2922, GEOS2924 <b>N</b> GEOS3911	Semester 1
<b>GEOS3522</b> Cities and Citizenship	6	<b>P</b> 6 credit points of Intermediate Geoscience <b>N</b> GEOG3203, GEOS3922	Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>GEOS3551 Geoscience Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOS3552 Geoscience Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOS3553 Geoscience Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOS3554 Geoscience Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>GEOS3909 Coastal Environments and Processes (Adv)</b>	6	<b>P</b> Distinction average in ((6 credit points of Intermediate Geoscience* units) and (6 further credit points of Intermediate Geoscience or 6 credit points of Physics, Mathematics, Information Technology or Engineering units) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906))) <b>N</b> GEOS3009, MARS3003, MARS3105 <i>A distinction average in prior Geography or Geology units is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</i>	Semester 1
<b>GEOS3914 GIS in Coastal Management (Advanced)</b>	6	<b>P</b> Distinction average in 12 credit points of Intermediate geography or geology units or GEOS (2115 or 2915) and BIOL (2018 or 2918). Department permission required for enrolment <b>N</b> GEOS3014, MARS3104 <i>Note: Department permission required for enrolment A distinction average in prior Geography, Geology or Marine Science units of study is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</i>	Semester 2
<b>GEOS3915 Environmental Geomorphology (Advanced)</b>	6	<b>P</b> Distinction average in 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geography units of study. <b>N</b> GEOS3015 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>GEOS3918 Rivers: Science and Management (Adv)</b>	6	<b>P</b> Distinction average in (24 credit points of Intermediate units of study including 6 credit points of Intermediate Geography units of study) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906)) <b>N</b> GEOS3018	Semester 1
<b>GEOS3922 Cities and Citizenship (Advanced)</b>	6	<b>P</b> Distinction average in 24 credit points of Intermediate Units of study including 6 credit points of Intermediate Geography units of study. <b>N</b> GEOS3522	Semester 2
<b>GEOS3953 Asia-Pacific Field School-A (Adv)</b>	6	<b>P</b> Distinction average in 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geography units of study. Department permission required for enrolment. <b>C</b> GEOS3954 <b>N</b> GEOS3053 <i>Note: Department permission required for enrolment Students must contact the unit coordinator no later than the end of May in the year before taking this Unit.</i>	S1 Intensive
<b>GEOS3954 Asia-Pacific Field School-B (Adv)</b>	6	<b>P</b> Distinction average in 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geography units of study. Department permission required for enrolment. <b>C</b> GEOS3953 <b>N</b> GEOS3054 <i>Note: Department permission required for enrolment Students must contact the unit coordinator no later than the end of May in the year before taking this Unit.</i>	S1 Intensive
<b>GEOL4011 Geology Honours A</b>	12	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>GEOL4012 Geology Honours B</b>	12	<b>C</b> GEOL4011	Semester 1 Semester 2
<b>GEOL4013 Geology Honours C</b>	12	<b>C</b> GEOL4012	Semester 1 Semester 2
<b>GEOL4014 Geology Honours D</b>	12	<b>C</b> GEOL4013	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>History and Philosophy of Science</b>			
HPSC1000 Bioethics	6	<b>N</b> HPSC1900 <i>This Junior unit of study is highly recommended to Intermediate and Senior Life Sciences students.</i>	Semester 1
HPSC1900 Bioethics (Advanced)	6	<b>N</b> HPSC1000 <i>Note: Department permission required for enrolment</i>	Semester 1
HPSC2100 The Birth of Modern Science	6	<b>P</b> 24 credit points of Junior units of study <b>N</b> HPSC2002, HPSC2900	Semester 1
HPSC2101 What Is This Thing Called Science?	6	<b>P</b> 24 credit points of Junior units of study <b>N</b> HPSC2001, HPSC2901	Semester 2 Summer Main
HPSC2900 The Birth of Modern Science (Advanced)	6	<b>P</b> Enrolment in the Talented Student Program or 24 credit points of Junior study with a Distinction average <b>N</b> HPSC2002, HPSC2100 <i>Note: Department permission required for enrolment</i>	Semester 1
HPSC2901 What Is This Thing Called Science? (Adv)	6	<b>P</b> Enrolment in the Talented Student Program or 24 credit points of Junior study with a Distinction average <b>N</b> HPSC2002, HPSC2100 <i>Note: Department permission required for enrolment</i>	Semester 2
HPSC3002 History of Biological/Medical Sciences	6	<b>A</b> HPSC (2001 and 2002) or HPSC (2100 and 2101) <b>P</b> At least 12 credit points of Intermediate HPSC units or Credit or better in at least 6 credit points of Intermediate HPSC units, and at least 24 credit points of Intermediate or Senior units	Semester 2
HPSC3016 The Scientific Revolution	6	<b>A</b> HPSC (2100 and 2101) or HPSC (2001 and 2002) <b>P</b> At least 12 credit points of Intermediate HPSC units or Credit or better in at least 6 credit points of Intermediate HPSC units, and at least 24 credit points of Intermediate or Senior units. <b>N</b> HPSC3001, HPSC3106	Semester 2
HPSC3022 Science and Society	6	<b>A</b> HPSC (2100 and 2101) or HPSC (2001 and 2002). <b>P</b> At least 12 credit points of Intermediate HPSC units or Credit or better in at least 6 credit points of Intermediate HPSC units, and at least 24 credit points of Intermediate or Senior units. <b>N</b> HPSC3003 <i>This unit is a requirement for HPS majors.</i>	Semester 1
HPSC3023 Psychology & Psychiatry: History & Phil	6	<b>A</b> Basic knowledge about the history of modern science as taught in HPSC2100 AND the principles of philosophy of science as taught in HPSC2101 OR knowledge of the various sub-disciplines within Psychology. <b>P</b> (at least 12 credit points of intermediate HPSC Units of study) OR (a CR or above in one HPSC intermediate Unit of Study) OR (12 intermediate credit points in psychology). <b>N</b> PSYC3202	Semester 1
HPSC3024 Science and Ethics	6	<b>P</b> At least 24 credit points of Intermediate or Senior units of study <b>N</b> HPSC3007	Semester 2
HPSC4101 Philosophy of Science	6	<b>P</b> Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission. <i>Note: Department permission required for enrolment</i>	Semester 1
HPSC4102 History of Science	6	<b>P</b> Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HPSC4103 Sociology of Science	6	<b>P</b> Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission. <i>Note: Department permission required for enrolment</i>	Semester 2
HPSC4104 Recent Topics in HPS	6	<b>P</b> Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HPSC4105 HPS Research Methods	6	<b>P</b> Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HPSC4108 Core topics: History & Philosophy of Sci	6	<b>P</b> Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission <b>N</b> Not available to students who have completed a major in History and Philosophy of Science or an equivalent program of study at another institution. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HPSC4201 HPS Research Project 1	6	<b>A</b> HPSC (2001 and 2002) or HPSC (2100 and 2101) <b>P</b> Available only to students admitted to HPS Honours and Graduate Diploma or Certificate in Science (History and Philosophy of Science). <b>N</b> HPSC4106, HPSC4107 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HPSC4202 HPS Research Project 2	6	<b>A</b> HPSC (2001 and 2002) or HPSC (2100 and 2101) <b>P</b> Available only to students admitted to HPS Honours and Graduate Diploma or Certificate in Science (History and Philosophy of Science). <b>N</b> HPSC4106 and HPSC4107 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
HPSC4203 HPS Research Project 3	6	<b>A</b> HPSC (2001 and 2002) or HPSC (2100 and 2101) <b>P</b> Available only to students admitted to HPS Honours and Graduate Diploma or Certificate in Science (History and Philosophy of Science). <b>N</b> HPSC4106, HPSC4107 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>HPSC4204</b> HPS Research Project 4	6	<b>A</b> HPSC (2001 and 2002) or HPSC (2100 and 2101) <b>P</b> Available only to students admitted to HPS Honours and Graduate Diploma or Certificate in Science (History and Philosophy of Science). <b>N</b> HPSC4106, HPSC4107 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>HPSC4999</b> History & Philosophy of Science Honours		<b>P</b> Available only to students admitted to HPS Honours. <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>Industrial Relations and Human Resource Management</b>			
<b>WORK1003</b> Foundations of Work and Employment	6	<i>This is the compulsory unit of study for the Industrial Relations/Human Resource Management major.</i>	Semester 1 Semester 2
<b>WORK2201</b> Foundations of Management	6	<b>P</b> 24 credit points of junior units of study <b>N</b> IREL2001, WORK2001 <i>This is the compulsory unit of study for the Management major.</i>	Semester 1
<b>WORK2203</b> Industrial Relations Policy	6	<b>P</b> 24 credit points of junior units of study including (WORK1003 or WORK1001 or IREL1001) <b>N</b> IREL2003, WORK2003 <i>This is the compulsory unit of study for the Industrial Relations/Human Resource Management major.</i>	Semester 2
<b>WORK2204</b> Sociology of Work	6	<b>P</b> 48 credit points <b>N</b> IREL2004; WORK2004	Semester 1
<b>WORK2205</b> Human Resource Processes	6	<b>P</b> 24 credit points of junior units of study including WORK1003 (or WORK1002 or IREL1002) <b>N</b> IREL2005, WORK2005 <i>This is the compulsory unit of study for the Industrial Relations/Human Resource Management major.</i>	Semester 1
<b>WORK2207</b> Labour Law	6	<b>P</b> 40 credit points including WORK1003 (or WORK1001 or IREL1001) <b>N</b> IREL2007; WORK2007	Semester 2
<b>WORK2209</b> Organisational Analysis and Behaviour	6	<b>P</b> 40 credit points worth of units of study <b>N</b> IREL2009, WORK2009	Semester 1
<b>WORK2210</b> Strategic Management	6	<b>P</b> 40 credit points worth of units of study <b>N</b> IREL2010, WORK2010	Semester 1
<b>WORK2211</b> Human Resource Strategies	6	<b>P</b> 40 credit points of units of study including WORK1003 (or WORK1002 or IREL1002) <b>N</b> IREL2011, WORK2011	Semester 2
<b>WORK2214</b> Globalisation and Employment Relations	6	<b>P</b> 40 credit points worth of units of study <b>N</b> IREL2014; WORK2014	Semester 1
<b>WORK2215</b> IR and HRM Practice	6	<b>P</b> WORK1003 or (WORK1001 and WORK1002) plus 12 senior credit points in WOS units of study <b>N</b> IREL2015, WORK2015 <i>Note: Department permission required for enrolment</i> <i>Entry to the unit is by application to the Discipline of Work and Organisational Studies Office and is on a merit basis. The application can be downloaded from <a href="http://www.econ.usyd.edu.au/work2215/">http://www.econ.usyd.edu.au/work2215/</a></i>	S2 Late Int
<b>WORK2217</b> International Human Resource Management	6	<b>P</b> 40 credit points worth of units of study including either (WORK1003 or WORK1001 or IREL1001) OR (IBUS2101 or IBUS2001) <b>N</b> WORK2017	Semester 2
<b>WORK2218</b> People and Organisations	6	<b>P</b> 24 junior credit points	Semester 1 Semester 2
<b>WORK2219</b> Management and Organisational Ethics	6	<b>P</b> 40 credit points worth of units of study	Semester 2
<b>WORK2221</b> Organisational Communication	6	<b>P</b> 40 credit points worth of units of study	Semester 2
<b>WORK2222</b> Leadership in Organisations	6	<b>A</b> WORK2201 or WORK2218 <b>P</b> 40 credit points worth of units of study	Semester 2
<b>WORK3921</b> Theories of Work and Organisations	6	<b>P</b> (WORK1003) OR (WORK1001 and WORK1002) <b>N</b> IREL3901, WORK3901 <i>Note: Department permission required for enrolment</i>	Semester 1
<b>WORK3922</b> Researching Work and Organisations	6	<b>P</b> (WORK3921 or IREL3901) or (IREL2901 and IREL2902) <b>N</b> IREL3902, WORK3902 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>WORK4101</b> Industrial Relations & HRM Honours A	12	<b>P</b> 36 credit points of senior level WORK units of study inclusive of WORK3921 and WORK3922. All WORK units of study must be passed at a credit level or above. Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. <b>N</b> IREL4101 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>WORK4102</b> Industrial Relations & HRM Honours B	12	<b>C</b> WORK4101 <b>N</b> IREL4102	Semester 1 Semester 2
<b>WORK4103</b> Industrial Relations & HRM Honours C	12	<b>C</b> WORK4102 <b>N</b> IREL4103	Semester 1 Semester 2
<b>WORK4104</b> Industrial Relations & HRM Honours D	12	<b>C</b> WORK4103 <b>N</b> IREL4104	Semester 1 Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>Information Systems</b>			
<b>INFO1003</b> Foundations of Information Technology	6	<b>N</b> INFO1000 or INFS1000	Semester 1 Semester 2
<b>INFO1103</b> Introduction to Programming	6	<b>A</b> HSC Mathematics <b>N</b> SOFT (1001 or 1901) or COMP (1001 or 1901) or DECO2011	Semester 1 Semester 2
<b>INFO1903</b> Informatics (Advanced)	6	<b>A</b> HSC Mathematics <b>P</b> UAI (or ATAR equivalent) sufficient to enter BCST(Adv), BIT or BSc(Adv), or portfolio of work suitable for entry <i>Note: Department permission required for enrolment</i>	Semester 1
<b>INFO1105</b> Data Structures	6	<b>A</b> Programming, as for INFO1103 <b>N</b> INFO1905 or SOFT (1002 or 1902) or COMP (1002 or 1902 or 2160 or 2860 or 2111 or 2811 or 2002 or 2902)	Semester 2
<b>INFO1905</b> Data Structures (Advanced)	6	<b>P</b> Distinction-level performance in INFO1103 or INFO1903 or SOFT1001 or SOFT1901. <b>N</b> INFO1105 or SOFT (1002 or 1902) or COMP (1002 or 1902)	Semester 2
<b>ISYS2140</b> Information Systems	6	<b>A</b> INFO1003 or INFS1000 <b>N</b> ISYS (2006 or 2007)	Semester 1
<b>INFO2110</b> Systems Analysis and Modelling	6	<b>A</b> Experience with a data model as in INFO1003 or INFO1103 or INFS1000 <b>N</b> INFO (2810 or 2000 or 2900)	Semester 2
<b>INFO2120</b> Database Systems 1	6	<b>A</b> Some exposure to programming and some familiarity with data model concepts such as taught in INFO1103 or INFO1003 or INFS1000 or INFO1903 <b>N</b> INFO (2820 or 2005 or 2905)	Semester 1
<b>INFO2820</b> Database Systems 1 (Advanced)	6	<b>P</b> Distinction-level result in INFO (1003 or 1103 or 1903 or 1105 or 1905) or SOFT (1001 or 1901 or 1002 or 1902) <b>N</b> INFO (2120 or 2005 or 2905)	Semester 1
<b>INFO2315</b> Introduction to IT Security	6	<b>A</b> Computer literacy <b>N</b> NETS (3305 or 3605 or 3016 or 3916) or ELEC (5610 or 5616)	Semester 2
<b>INFO3402</b> Management of IT Projects and Systems	6	<b>A</b> INFO (2000 or 2110 or 2810 or 2900) <b>N</b> ISYS (3000 or 3012) or ELEC3606	Semester 1
<b>INFO3220</b> Object Oriented Design	6	<b>A</b> INFO2110, INFO1105 <b>N</b> SOFT (3301 or 3601 or 3101 or 3801) or COMP (3008 or 3908)	Semester 1
<b>ISYS3401</b> Analytical Methods & Information Systems	6	<b>A</b> INFO2110, ISYS2140 <b>N</b> ISYS3015	Semester 1
<b>INFO3600</b> Major Development Project (Advanced)	12	<b>P</b> INFO3402 <b>N</b> COMP3615 or ISYS3400 or SOFT (3300 or 3600 or 3200 or 3700) <i>Only available to students in BIT, BCST(Adv) or BSc(Adv)</i>	Semester 2
<b>ISYS3400</b> Information Systems Project	6	<b>A</b> INFO2120 <b>P</b> (INFO3402 or ISYS3012) and (ISYS3401 or ISYS3015) <b>N</b> INFO3600 or ISYS3207	Semester 2
<b>INFO3404</b> Database Systems 2	6	<b>A</b> Introductory database study such as INFO2120 or INFO2820 or INFO2005 or INFO2905. Students are expected to be familiar with SQL and the relational data model, and to have some programming experience. <b>N</b> INFO (3504 or 3005 or 3905) or COMP (3005 or 3905)	Semester 2
<b>INFO3504</b> Database Systems 2 (Adv)	6	<b>P</b> Distinction-level result in INFO (2120 or 2820) or COMP (2007 or 2907) <b>N</b> INFO (3404 or 3005 or 3905) or COMP (3005 or 3905)	Semester 2
<b>INFO3315</b> Human-Computer Interaction	6	<b>A</b> INFO2110 <b>N</b> MULT (3307 or 3607 or 3018 or 3918) or SOFT (3102 or 3802) or COMP (3102 or 3802)	Semester 2
<b>ELEC3610</b> E-Business Analysis and Design	6	<b>P</b> INFO2120 <b>N</b> EBUS3003 E-Business System Design, EBUS3001 Introduction to e-Commerce Systems	Semester 1
<b>ISYS3554</b> Information Systems Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ISYS3555</b> Information Systems Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ISYS3557</b> Information Systems Exchange	6	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ISYS4301</b> Information Systems Honours A	12	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>ISYS4302</b> Information Systems Honours B	12	<b>C</b> ISYS4301	Semester 1 Semester 2
<b>ISYS4303</b> Information Systems Honours C	12	<b>C</b> ISYS4302	Semester 1 Semester 2
<b>ISYS4304</b> Information Systems Honours D	12	<b>C</b> ISYS4303	Semester 1 Semester 2
<b>International Business</b>			
(For Bachelor of International and Global Studies Students only.)			
<b>IBUS2101</b> International Business Strategy	6	<b>P</b> 36 junior credit points with at least 12 from the Faculty of Economics and Business <b>N</b> IBUS2001	Semester 1 Semester 2 Summer Late
<b>IBUS2102</b> Cross-Cultural Management	6	<b>P</b> 36 junior credit points with at least 12 from the Faculty of Economics and Business <b>N</b> IBUS2002	Semester 1 Semester 2 Summer Main
<b>IBUS3101</b> International Business Alliances	6	<b>P</b> 36 credit points in junior units of study <b>C</b> IBUS2101	Semester 1



<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>IBUS3102</b> International Risk Management	6	P 36 credit points in junior units of study	Semester 2
<b>IBUS3103</b> Global Entrepreneurship and Enterprise	6	P 48 credit points <i>Students enrolled in the combined Law degrees are able to complete this unit in their third year of enrolment (full-time).</i>	Semester 1
<b>IBUS3104</b> Ethical International Business Decisions	6	P 48 credit points C IBUS2101	Semester 2
<b>IBUS3106</b> International Business Special Project	6	P IBUS2101 and IBUS2102 with a credit average and must have permission from Chair, Discipline of International Business. <i>Note: Department permission required for enrolment</i> <i>Students must have achieved a credit average in these units and must have received permission to enrol from the Chair of the Discipline of International Business.</i>	Semester 1 Semester 2
<b>IBUS3107</b> Business Negotiations	6	P 48 credit points	Semester 1
<b>IBUS4101</b> Special Topics in International Business	12	P Completion of requirements for the pass degree, a major in International Business with a minimum Credit average and approval of the Chair of Discipline. C IBUS4102 <i>Note: Department permission required for enrolment</i>	Semester 1
<b>IBUS4102</b> International Business Research Methods	12	P Completion of requirements for the pass degree, a major in International Business with a minimum Credit average, and approval of the Chair of Discipline. C IBUS4101	Semester 1
<b>IBUS4103</b> International Business Seminar	12	P Completion of requirements for the Pass degree, a major in International Business with a minimum Credit average, and approval of the Chair of Discipline. C IBUS4104 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>IBUS4104</b> International Business Thesis	12	P Completion of requirements for the Pass degree, a major in International Business with a minimum Credit average, and approval of the Chair of Discipline. C IBUS4103	Semester 2
<b>Law</b>			
<b>LAWS1006</b> Foundations of Law	6	N LAWS1000	Semester 1
<b>LAWS1012</b> Torts	6	P LAWS1006 N LAWS1005, LAWS1010, LAWS3001 <i>Available to candidates proceeding under the new LLB resolutions.</i>	Semester 1 Semester 2
<b>LAWS1013</b> Legal Research I		C LAWS1006 N LAWS1008 <i>Note: Department permission required for enrolment in the following sessions: Semester 1</i> <i>Available to candidates proceeding under the new LLB resolutions. Semester 1 classes are for Combined Law candidates in the faculties of Arts, Engineering and Science. Semester 2 classes are for Combined Law candidates in the Faculty of Economics &amp; Business.</i>	Semester 1 Semester 2
<b>LAWS1014</b> Civil and Criminal Procedure	6	P LAWS1006 N LAWS1001, LAWS1007, LAWS3002, LAWS3004, LAWS2006 <i>Available to candidates proceeding under the new LLB resolutions.</i>	Semester 1 Semester 1b
<b>LAWS1015</b> Contracts	6	P LAWS1006 N LAWS1002, LAWS2008 <i>Available to candidates proceeding under the new LLB resolutions.</i>	Semester 1 Semester 1b Summer Main
<b>LAWS1016</b> Criminal Law	6	P LAWS1006, LAWS1014 N LAWS1003, LAWS3001, LAWS2009 <i>Available to candidates proceeding under the new LLB resolutions.</i>	Semester 2
<b>LAWS1017</b> Torts and Contracts II	6	P (LAWS1010 or LAWS1012) and LAWS1015 <i>Available to candidates proceeding under the new LLB resolutions.</i>	Semester 2
<b>LAWS1018</b> International Law	6	P LAWS1006 N LAWS2005 <i>Available to candidates proceeding under the new LLB resolutions.</i>	Semester 1 Semester 2b Summer Early
<b>LAWS1019</b> Legal Research II		P LAWS1013 N LAWS1008, LAWS1022 <i>Available to candidates proceeding under the new LLB resolutions. Semester 1 classes are for Combined Law candidates in the faculties of Arts, Engineering and Science. Semester 2 classes are for Combined Law candidates in the Faculty of Economics &amp; Business.</i>	Semester 1 Semester 2
<b>LAWS1021</b> Public Law	6	P LAWS1006 N LAWS2002, LAWS3003, LAWS1004 <i>Available to candidates proceeding under the new LLB resolutions.</i>	S2 Late IntB Semester 2 Summer Late
<b>LAWS2008</b> Contracts	6	P LAWS1006 N LAWS1002, LAWS1015 <i>Note: Department permission required for enrolment</i> <i>Available to Combined Law candidates proceeding under the old LLB resolutions.</i>	Semester 1
<b>LAWS2009</b> Criminal Law	6	P LAWS1006 N LAWS1003, LAWS1016 <i>Note: Department permission required for enrolment</i> <i>Available to Combined Law candidates proceeding under the old LLB resolutions.</i>	Semester 2
<b>LAWS3000</b> Federal Constitutional Law	10	P LAWS1006 N LAWS1004, LAWS2011, LAWS3003 <i>Note: Department permission required for enrolment</i> <i>Available to Combined Law candidates proceeding under the old LLB resolutions. Student attend classes for LAWS2011.</i>	Semester 1
<b>LAWS3002</b> Law, Lawyers and Justice	10	P LAWS1006 N LAWS1001, LAWS1007, LAWS2013, LAWS3004 <i>Note: Department permission required for enrolment</i> <i>Available to Combined Law candidates proceeding under the old LLB resolutions. Student attend classes for LAWS2013 The Legal Profession.</i>	Semester 1

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>LAWS3003</b> Federal Constitutional Law	12	<b>P</b> LAWS1006 <b>N</b> LAWS1004, LAWS2011, LAWS3000 <i>Note: Department permission required for enrolment Available to Combined Law candidates proceeding under the old LLB resolutions. Students will attend classes for LAWS2011.</i>	Semester 1
<b>LAWS3004</b> Law, Lawyers and Justice	12	<b>P</b> LAWS1006 <b>N</b> LAWS1001, LAWS1007, LAWS2013, LAWS3002 <i>Note: Department permission required for enrolment Available to Combined Law candidates proceeding under the old LLB resolutions. Students attend classes for LAWS2013 The Legal Profession.</i>	Semester 1
<b>Management</b>			
<b>ECON1001</b> Introductory Microeconomics	6	<b>A</b> Mathematics	Semester 1 Summer Main
<b>ECON1002</b> Introductory Macroeconomics	6	<b>A</b> Mathematics	Semester 2 Summer Main
<b>ECOS2306</b> Managerial Firms: Evolution & Attributes	6	<b>P</b> ECON1001, ECON1002 <b>N</b> ECHS2306, ECOS3003, ECON3003	Semester 1
<b>ECOS3003</b> Hierarchies, Incentives & Firm Structure	6	<b>P</b> Either (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) <b>N</b> ECON3003	Semester 2
<b>ECOS3005</b> Industrial Organisation	6	<b>P</b> One of (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) <b>N</b> ECON3005, ECOS2201	Semester 2
<b>ECOS3008</b> Labour Economics	6	<b>P</b> One of (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) or (ECOP2011 or ECOP2001) and one of (ECOS2002 or ECON2002) or (ECOS2902 or ECON2902) or (ECOP2012 or ECOP2002) <b>N</b> ECON3008	Semester 1
<b>ECOS3012</b> Strategic Behaviour	6	<b>P</b> Either (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901). <b>N</b> ECON3012, ECOS3901	Semester 1 Summer Main
<b>GOVT1202</b> World Politics	6		Semester 1 Semester 2
<b>GOVT2552</b> Policy Analysis	6	<b>P</b> 12 junior credit points in Government <b>N</b> GOVT2502 <i>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</i>	Semester 1
<b>WORK1003</b> Foundations of Work and Employment	6	<i>This is the compulsory unit of study for the Industrial Relations/Human Resource Management major.</i>	Semester 1 Semester 2
<b>WORK2205</b> Human Resource Processes	6	<b>P</b> 24 credit points of junior units of study including WORK1003 (or WORK1002 or IREL1002) <b>N</b> IREL2005, WORK2005 <i>This is the compulsory unit of study for the Industrial Relations/Human Resource Management major.</i>	Semester 1
<b>WORK2209</b> Organisational Analysis and Behaviour	6	<b>P</b> 40 credit points worth of units of study <b>N</b> IREL2009, WORK2009	Semester 1
<b>WORK2210</b> Strategic Management	6	<b>P</b> 40 credit points worth of units of study <b>N</b> IREL2010, WORK2010	Semester 1
<b>WORK2211</b> Human Resource Strategies	6	<b>P</b> 40 credit points of units of study including WORK1003 (or WORK1002 or IREL1002) <b>N</b> IREL2011, WORK2011	Semester 2
<b>WORK2217</b> International Human Resource Management	6	<b>P</b> 40 credit points worth of units of study including either (WORK1003 or WORK1001 or IREL1001) OR (IBUS2101 or IBUS2001) <b>N</b> WORK2017	Semester 2
<b>WORK2218</b> People and Organisations	6	<b>P</b> 24 junior credit points	Semester 1 Semester 2
<b>WORK2219</b> Management and Organisational Ethics	6	<b>P</b> 40 credit points worth of units of study	Semester 2
<b>WORK2221</b> Organisational Communication	6	<b>P</b> 40 credit points worth of units of study	Semester 2
<b>Mathematics</b>			
<b>MATH1001</b> Differential Calculus	3	<b>A</b> HSC Mathematics Extension 1 <b>N</b> MATH1011, MATH1901, MATH1906, MATH1111	Semester 1 Summer Main
<b>MATH1002</b> Linear Algebra	3	<b>A</b> HSC Mathematics Extension 1 <b>N</b> MATH1902, MATH1012, MATH1014	Semester 1 Summer Main
<b>MATH1003</b> Integral Calculus and Modelling	3	<b>A</b> HSC Mathematics Extension 2 or MATH1001 or MATH1011 or MATH1111 <b>N</b> MATH1013, MATH1903, MATH1907	Semester 2 Summer Main
<b>MATH1004</b> Discrete Mathematics	3	<b>A</b> HSC Mathematics Extension 1 <b>N</b> MATH1904, MATH2011	Semester 2
<b>MATH1005</b> Statistics	3	<b>A</b> HSC Mathematics <b>N</b> MATH1015, MATH1905, STAT1021, STAT1022, ECMT1010	Semester 2 Summer Main
<b>MATH1011</b> Applications of Calculus	3	<b>A</b> HSC Mathematics <b>N</b> MATH1111, MATH1001, MATH1901, MATH1906, BIOM1003	Semester 1 Summer Main
<b>MATH1013</b> Mathematical Modelling	3	<b>A</b> HSC Mathematics or MATH1111 <b>N</b> MATH1003, MATH1903, MATH1907	Semester 2 Summer Main
<b>MATH1014</b> Introduction to Linear Algebra	3	<b>A</b> HSC Mathematics or MATH1111 <b>N</b> MATH1012, MATH1002, MATH1902	Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>MATH1015</b> Biostatistics	3	<b>A</b> HSC Mathematics <b>N</b> MATH1005, MATH1905, STAT1021, STAT1022, ECMT1010, BIOM1003	Semester 1
<b>MATH1111</b> Introduction to Calculus	6	<b>A</b> At least Year 10 Mathematics <b>N</b> MATH1001, MATH1901, MATH1011, MATH1906 <i>Note: Department permission required for enrolment</i> <i>Students who have previously studied calculus at any level are prohibited from enrolling in this unit. In particular, students with HSC Mathematics/Extension 1/Extension 2 (or equivalent) are prohibited.</i>	Semester 1
<b>MATH1901</b> Differential Calculus (Advanced)	3	<b>P</b> HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator. <b>N</b> MATH1111, MATH1011, MATH1001, MATH1906	Semester 1
<b>MATH1902</b> Linear Algebra (Advanced)	3	<b>P</b> HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator. <b>N</b> MATH1002, MATH1012, MATH1014	Semester 1
<b>MATH1903</b> Integral Calculus and Modelling Advanced	3	<b>A</b> HSC Mathematics Extension 2 or Credit or better in MATH1001 or MATH1901 <b>P</b> HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator. <b>N</b> MATH1003, MATH1013, MATH1907	Semester 2
<b>MATH1905</b> Statistics (Advanced)	3	<b>P</b> HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator. <b>N</b> MATH1015, MATH1005, STAT1021, STAT1022, ECMT1010	Semester 2
<b>MATH1906</b> Mathematics (Special Studies Program) A	3	<b>P</b> UAI (or ATAR equivalent) of at least 98.5 and result in Band E4 HSC Mathematics Extension 2; by invitation <b>N</b> MATH1111, MATH1001, MATH1011, MATH1901 <i>Note: Department permission required for enrolment</i>	Semester 1
<b>MATH1907</b> Mathematics (Special Studies Program) B	3	<b>P</b> Distinction in MATH1906; by invitation <b>N</b> MATH1003, MATH1013, MATH1903 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>MATH2061</b> Linear Mathematics and Vector Calculus	6	<b>P</b> MATH(1111 or 1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902) and MATH(1003 or 1903 or 1907) <b>N</b> MATH2001, MATH2901, MATH2002, MATH2902, MATH2961, MATH2067	Semester 1 Summer Main
<b>MATH2063</b> Math Computing and Nonlinear Systems	6	<b>P</b> MATH(1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902) and MATH(1003 or 1903 or 1907) <b>N</b> MATH2003, MATH2903, MATH2006, MATH2906, MATH2963	Semester 1
<b>MATH2065</b> Partial Differential Equations (Intro)	6	<b>P</b> MATH(1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902) and MATH(1003 or 1903 or 1907) <b>N</b> MATH2005, MATH2905, MATH2965, MATH2067	Semester 2 Summer Main
<b>MATH2068</b> Number Theory and Cryptography	6	<b>A</b> MATH (1014 or 1002 or 1902) <b>P</b> 6 credit points of Junior level Mathematics <b>N</b> MATH3024, MATH3009, MATH2988	Semester 2
<b>MATH2069</b> Discrete Mathematics and Graph Theory	6	<b>P</b> 6 credit points of Junior level Mathematics <b>N</b> MATH2011, MATH2009, MATH2969	Semester 1
<b>MATH2070</b> Optimisation and Financial Mathematics	6	<b>A</b> MATH (1003 or 1903 or 1907) <b>P</b> MATH(1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902) <b>N</b> MATH2010, MATH2033, MATH2933, MATH2970, ECMT3510 <i>Students may enrol in both MATH2070 and MATH3075 in the same semester</i>	Semester 2
<b>MATH2916</b> Working Seminar A (SSP)	3	<b>P</b> By invitation, High Distinction average over 12 credit points of Advanced Junior Mathematics <i>Note: Department permission required for enrolment</i>	Semester 1
<b>MATH2917</b> Working Seminar B (SSP)	3	<b>P</b> By invitation, High Distinction average over 12 credit points of Advanced Junior Mathematics <i>Note: Department permission required for enrolment</i>	Semester 2
<b>MATH2961</b> Linear Mathematics & Vector Calculus Adv	6	<b>P</b> MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) and MATH (1903 or 1907 or Credit in 1003) <b>N</b> MATH2001, MATH2901, MATH2002, MATH2902, MATH2061, MATH2067	Semester 1
<b>MATH2962</b> Real and Complex Analysis (Advanced)	6	<b>P</b> MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) and MATH (1903 or 1907 or Credit in 1003) <b>N</b> MATH2007, MATH2907	Semester 1
<b>MATH2963</b> Math Computing & Nonlinear Systems (Adv)	6	<b>P</b> MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) and MATH (1903 or 1907 or Credit in 1003) <b>N</b> MATH2003, MATH2903, MATH2006, MATH2906, MATH2063	Semester 1
<b>MATH2965</b> Partial Differential Equations Intro Adv	6	<b>P</b> MATH (2961 or Credit in 2061) or {MATH (2901 or Credit in 2001) and MATH (2902 or Credit in 2002)} <b>N</b> MATH2005, MATH 2905, MATH2065, MATH2067	Semester 2
<b>MATH2968</b> Algebra (Advanced)	6	<b>P</b> 9 credit points of Junior Mathematics (advanced level or Credit at normal level) including (MATH1902 or Credit in MATH1002) <b>N</b> MATH2908, MATH2918, MATH2008	Semester 2
<b>MATH2969</b> Discrete Mathematics & Graph Theory Adv	6	<b>P</b> 9 credit points of Junior Mathematics (advanced level or Credit at the normal level) <b>N</b> MATH2011, MATH2009, MATH2069	Semester 1
<b>MATH2970</b> Optimisation & Financial Mathematics Adv	6	<b>A</b> MATH (1903 or 1907) or Credit in MATH1003 <b>P</b> MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) <b>N</b> MATH2010, MATH2033, MATH2933, MATH2070 <i>Students may enrol in both MATH2970 and MATH3975 in the same semester</i>	Semester 2
<b>MATH3061</b> Geometry and Topology	6	<b>P</b> 12 credit points of Intermediate Mathematics <b>N</b> MATH3001, MATH3006	Semester 2
<b>MATH3062</b> Algebra and Number Theory	6	<b>P</b> 12 credit points of Intermediate Mathematics <b>N</b> MATH3962, MATH3902, MATH3002, MATH3009 <i>Students are advised to take MATH(2068 or 2968) before attempting this unit.</i>	Semester 1

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>MATH3063</b> Differential Equations and Biomaths	6	<b>A</b> MATH2061 <b>P</b> 12 credit points of Intermediate Mathematics <b>N</b> MATH3020, MATH3920, MATH3003, MATH3923, MATH3963	Semester 1
<b>MATH3065</b> Logic and Foundations	6	<b>P</b> 6 credit points of Intermediate Mathematics <b>N</b> MATH3005	Semester 1
<b>MATH3067</b> Information and Coding Theory	6	<b>P</b> 12 credit points of Intermediate Mathematics <b>N</b> MATH3007, MATH3010	Semester 2
<b>MATH3075</b> Financial Mathematics	6	<b>P</b> 12 credit points of Intermediate Mathematics <b>N</b> MATH3975, MATH 3015, MATH3933	Semester 2
<b>MATH3076</b> Mathematical Computing	6	<b>P</b> 12 credit points of Intermediate Mathematics and one of MATH(1001 or 1003 or 1901 or 1903 or 1906 or 1907) <b>N</b> MATH3976, MATH3016, MATH3916	Semester 1
<b>MATH3078</b> PDEs and Waves	6	<b>A</b> MATH(2061/2961) and MATH(2065/2965) <b>P</b> 12 credit points of Intermediate Mathematics <b>N</b> MATH3978, MATH3018, MATH3921	Semester 2
<b>MATH3961</b> Metric Spaces (Advanced)	6	<b>A</b> MATH2961 or MATH2962 <b>P</b> 12 credit points of Intermediate Mathematics units <b>N</b> MATH3901, MATH3001	Semester 1
<b>MATH3962</b> Rings, Fields and Galois Theory (Adv)	6	<b>A</b> MATH2961 <b>P</b> 12 credit points of Intermediate Mathematics <b>N</b> MATH3062, MATH3902, MATH3002 <i>Students are advised to take MATH2968 before attempting this unit.</i>	Semester 1
<b>MATH3963</b> Differential Equations & Biomaths (Adv)	6	<b>A</b> MATH2961 <b>P</b> 12 credit points of Intermediate Mathematics <b>N</b> MATH3020, MATH3920, MATH3003, MATH3923, MATH3063	Semester 1
<b>MATH3964</b> Complex Analysis with Applications (Adv)	6	<b>A</b> MATH2962 <b>P</b> 12 credit points of Intermediate Mathematics <b>N</b> MATH3904, MATH3915	Semester 2
<b>MATH3966</b> Modules and Group Representations (Adv)	6	<b>A</b> MATH3962 <b>P</b> 12 credit points of Intermediate Mathematics <b>N</b> MATH3906, MATH3907	Semester 2
<b>MATH3969</b> Measure Theory & Fourier Analysis (Adv)	6	<b>A</b> At least 6 credit points of Advanced Mathematics units of study at Intermediate or Senior level <b>P</b> 12 credit points Intermediate Mathematics <b>N</b> MATH3909	Semester 2
<b>MATH3974</b> Fluid Dynamics (Advanced)	6	<b>A</b> MATH2961, MATH2965 <b>P</b> 12 credit points of Intermediate Mathematics with average grade of at least Credit <b>N</b> MATH3914	Semester 1
<b>MATH3975</b> Financial Mathematics (Advanced)	6	<b>P</b> 12 credit points of Intermediate Mathematics with at least Credit average <b>N</b> MATH3933, MATH3015, MATH3075	Semester 2
<b>MATH3976</b> Mathematical Computing (Advanced)	6	<b>P</b> 12 credit points of Intermediate Mathematics and one of MATH(1903 or 1907) or Credit in MATH1003 <b>N</b> MATH3076, MATH3016, MATH3916	Semester 1
<b>MATH3977</b> Lagrangian & Hamiltonian Dynamics (Adv)	6	<b>P</b> 12 credit points of Intermediate Mathematics with at least Credit average <b>N</b> MATH2904, MATH2004, MATH3917	Semester 2
<b>MATH3978</b> PDEs and Waves (Advanced)	6	<b>A</b> MATH(2061/2961) and MATH(2065/2965) <b>P</b> 12 credit points of Intermediate Mathematics with at least Credit average <b>N</b> MATH3078, MATH3018, MATH3921	Semester 2
<b>MATH4301</b> Pure Mathematics Honours A	12	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MATH4302</b> Pure Mathematics Honours B	12	<b>C</b> MATH4301	Semester 1 Semester 2
<b>MATH4303</b> Pure Mathematics Honours C	12	<b>C</b> MATH4302	Semester 1 Semester 2
<b>MATH4304</b> Pure Mathematics Honours D	12	<b>C</b> MATH4303	Semester 1 Semester 2
<b>MATH4401</b> Applied Mathematics Honours A	12	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>MATH4402</b> Applied Mathematics Honours B	12	<b>C</b> MATH4401	Semester 1 Semester 2
<b>MATH4403</b> Applied Mathematics Honours C	12	<b>C</b> MATH4402	Semester 1 Semester 2
<b>MATH4404</b> Applied Mathematics Honours D	12	<b>C</b> MATH4403	Semester 1 Semester 2
<b>Medicine</b>			
(For BA(Adv)/(Hons)/MBBS students only.)			
<b>SMTP1000</b> Communicating Effectively in Teams		<i>Note: Department permission required for enrolment</i>	Semester 1
<b>SMTP2000</b> Introduction to Clinical Research Ethics		<i>Note: Department permission required for enrolment</i>	Semester 2
<b>SMTP3007</b> SMTP Elective I			S1 Late Int S2 Late Int

Unit of study	Credit points	A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition	Session
<b>Microbiology</b>			
<b>MICR2021 Microbial Life</b>	6	<b>P</b> 6cp of Junior Biology and (6cp of MBLG (1001 or 1901) or MBLG2901 or PLNT2001 or PLNT2901) and 6cp of Junior Chemistry <b>N</b> MICR2921, MICR2024, MICR2001, MICR2901, MICR2003, MICR2007, MICR2011, MICR2909 <i>Students are very strongly recommended to complete MICR (2021 or 2921 or 2024) before enrolling in MICR2022 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT (2001 or 2901).</i>	Semester 1
<b>MICR2022 Microbes in Society</b>	6	<b>A</b> MICR (2021 or 2921 or 2024 or 2026) <b>P</b> 6 of Junior Biology and (6 of MBLG (1001 or 1901) or PLNT2001 or PLNT2911) and 6 of Junior Chemistry <b>N</b> MICR2922, MICR2002, MICR2902, MICR2004, MICR2008, MICR2012, MICR2909 <i>Students are very strongly advised to complete MICR (2021 or 2921 or 2024) before enrolling in MICR2022 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT (2001 or 2901).</i>	Semester 2
<b>MICR2024 Microbes in the Environment</b>	6	<b>P</b> 12 credit points of first year Biology <b>N</b> MICR2001, MICR2901, MICR2003, MICR2007, MICR2011, MICR2021, MICR2921, MICR2909	Semester 2
<b>MICR2551 Microbiology Exchange</b>	4	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>MICR2552 Microbiology Exchange</b>	8	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>MICR2553 Microbiology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>MICR2554 Microbiology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>MICR2921 Microbial Life (Advanced)</b>	6	<b>P</b> (6 credit points of Junior Biology) and (6 credit points of MBLG (1001 or 1901) or MBLG2901 or PLNT2001 or PLNT2901) and 6 credit points of Junior Chemistry. Distinction grade required in at least one of Junior Biology or MBLG1001 or MBLG1901 or PLNT2001 or PLNT2911 <b>N</b> MICR2021, MICR2024, MICR2001, MICR2901, MICR2003, MICR2007, MICR2011, MICR2909 <i>Students are very strongly advised to complete MICR (2021 or 2921 or 2024) before enrolling in MICR2022 or 2922 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT(2001 or 2901).</i>	Semester 1
<b>MICR2922 Microbes in Society (Advanced)</b>	6	<b>A</b> MICR (2021 or 2921 or 2024 or 2026) <b>P</b> 6 credit points of Junior Biology and (6 credit points of MBLG1001 or MBLG1901 or PLNT2001 or PLNT2901) and 6 credit points of Junior Chemistry. Distinction grade required in at least one of Junior Biology or MBLG1001 or MBLG1901 or PLNT2001 or PLNT2911 <b>N</b> MICR2022, MICR2002, MICR2902, MICR2004, MICR2008, MICR2012, MICR2909 <i>Students are very strongly advised to complete MICR (2021 or 2921 or 2024) before enrolling in MICR2922 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT (2001 or 2901).</i>	Semester 2
<b>MICR3011 Microbes in Infection</b>	6	<b>P</b> At least 6 credit points of MBLG units and MICR (2022 or 2922 or 2002 or 2902). For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2807 and 2808). For BScAgr students: PLNT (2001 or 2901) and MICR (2022 or 2922). <b>N</b> MICR3911, MICR3001, MICR3901	Semester 1
<b>MICR3012 Molecular Biology of Pathogens</b>	6	<b>P</b> At least 6 credit points of MBLG units and MICR (2022 or 2922 or 2002 or 2902). For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2802, 2807 and 2808). For BScAgr students: PLNT (2001 or 2901) and MICR2024. <b>N</b> MICR3912, MICR3002, MICR3902, MICR3003, MICR3903, MICR3004, MICR3904	Semester 2
<b>MICR3022 Microbial Biotechnology</b>	6	<b>P</b> At least 6 credit points of MBLG units and 6 credit points of Intermediate MICR units. For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2802 and 2807). For BScAgr students: PLNT (2001 or 2901) and MICR2024. <b>N</b> MICR3922, MICR3002, MICR3902	Semester 2

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>MICR3551 Microbiology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>MICR3552 Microbiology Exchange</b>	12	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>MICR3553 Microbiology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>MICR3554 Microbiology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>MICR3555 Microbiology Exchange</b>	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>MICR3911 Microbes in Infection (Advanced)</b>	6	<b>P</b> At least 6 credit points of MBLG units and Distinction in MICR (2022 or 2922 or 2002 or 2902). For BMedSc students: 42 credit points of Intermediate BMED units including in BMED (2807 or 2808) with a Distinction in one of these two. For BScAgr students: PLNT (2001 or 2901) and MICR (2022 or 2922) including one Distinction. <b>N</b> MICR3011, MICR3001, MICR3901	Semester 1
<b>MICR3912 Molecular Biology of Pathogens (Adv)</b>	6	<b>P</b> At least 6 credit points of MBLG units and Distinction in MICR (2022 or 2922 or 2002 or 2902). For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2802 or 2807 or 2808) with a Distinction in one of these three. For BScAgr students: PLNT (2001 or 2901) and MICR2024 including one Distinction. <b>N</b> MICR3012, MICR3002, MICR3902, MICR3003, MICR3903, MICR3004, MICR3904	Semester 2
<b>MICR3922 Microbial Biotechnology (Advanced)</b>	6	<b>P</b> At least 6 credit points of MBLG units and Distinction in 6 credit points of Intermediate MICR units. For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2802 and 2807) with a Distinction in at least one of these two. For BScAgr students: PLNT (2001 or 2901) and MICR2024 including one Distinction. <b>N</b> MICR3022, MICR3002, MICR3902	Semester 2
<b>VIRO3001 Virology</b>	6	<b>A</b> MICR (2021 or 2921 or 2022 or 2922) <b>P</b> At least 6 credit points of MBLG units and at least 6 credit points in Intermediate MICR or BCHM or BIOL or IMMU or PCOL or PHSI or PLNT units. For BMedSc students: 42 credit points of Intermediate BMED units including BMED2802. For BScAgr students: PLNT (2001 or 2901) and MICR2024. <b>N</b> VIRO3901 <i>Students are very strongly advised to complete VIRO (3001 or 3901) before enrolling in VIRO3002 Medical and Applied Virology in Session 2.</i>	Semester 1
<b>VIRO3002 Medical and Applied Virology</b>	6	<b>A</b> Intermediate microbiology, immunology, molecular biology and genetics. <b>P</b> 6 CP MBLG units and at least 6 CP from Intermediate MICR or BCHM or BIOL or IMMU or PCOL or PHSI units. For BMedSc Students: 42 credit points of Intermediate BMED units including BMED2807. <i>Students are very strongly recommended to complete VIRO(3001 or 3901) before enrolling in VIRO3002 Medical and Applied Virology in Semester 2.</i>	Semester 2
<b>VIRO3901 Virology (Advanced)</b>	6	<b>A</b> MICR (2021 or 2921 or 2022 or 2922) <b>P</b> At least 6 credit points of MBLG units and at least 6 credit points including one Distinction in Intermediate MICR or BCHM or BIOL or IMMU or PCOL or PHSI or PLNT units. For BMedSc students: 42 credit points of Intermediate BMED units including Distinction in BMED2802. For BScAgr students: PLNT (2001 or 2901) and MICR2024 including one Distinction. <b>N</b> VIRO3001 <i>Students are very strongly advised to complete VIRO (3001 or 3901) before enrolling in VIRO3002 Medical and Applied Virology in Session 2.</i>	Semester 1

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>MICR4011</b> Microbiology Honours A	12	<i>Note: Department permission required for enrolment</i> Entry into the School Honours program normally requires a credit average in a major relevant to the chosen project or relevant 24 credit points of senior study. The School will consider entry to students who do not have this requirement if their overall academic performance indicates an equivalent performance in other subject areas or if their SCIWAM exceeds 65.	Semester 1 Semester 2
<b>MICR4012</b> Microbiology Honours B	12	<b>P</b> Department permission required for enrolment <b>C</b> MICR4011 Entry into the School Honours program normally requires a credit average in a major relevant to the chosen project or relevant 24 credit points of senior study. The School will consider entry to students who do not have this requirement if their overall academic performance indicates an equivalent performance in other subject areas or if their SCIWAM exceeds 65.	Semester 1 Semester 2
<b>MICR4013</b> Microbiology Honours C	12	<b>C</b> MICR4012 Entry into the School Honours program normally requires a credit average in a major relevant to the chosen project or relevant 24 credit points of senior study. The School will consider entry to students who do not have this requirement if their overall academic performance indicates an equivalent performance in other subject areas or if their SCIWAM exceeds 65.	Semester 1 Semester 2
<b>MICR4014</b> Microbiology Honours D	12	<b>C</b> MICR4013 Entry into the School Honours program normally requires a credit average in a major relevant to the chosen project or relevant 24 credit points of senior study. The School will consider entry to students who do not have this requirement if their overall academic performance indicates an equivalent performance in other subject areas or if their SCIWAM exceeds 65.	Semester 1 Semester 2
<b>Physics</b>			
<b>COSC1001</b> Computational Science in Matlab	3	<b>A</b> HSC Mathematics <b>N</b> COSC1901	Semester 2
<b>COSC1002</b> Computational Science in C	3	<b>A</b> HSC Mathematics <b>N</b> COSC1902	Semester 2
<b>COSC1901</b> Computational Science in Matlab (Adv)	3	<b>A</b> HSC Mathematics <b>P</b> UAI (or ATAR equivalent) of at least 90, or COSC1902, or a distinction or better in COSC1002, INFO1003 or INFO1903. <b>N</b> COSC1001	Semester 2
<b>COSC1902</b> Computational Science in C (Adv)	3	<b>A</b> HSC Mathematics <b>P</b> UAI (or ATAR equivalent) of at least 90, or COSC1901, or a distinction or better in COSC1001, INFO1003 or INFO1903. <b>N</b> COSC1002	Semester 2
<b>COSC3011</b> Scientific Computing	6	<b>A</b> Programming experience in MATLAB <b>P</b> 12 credit points chosen from Junior Mathematics and Statistics, 12 credit points of Intermediate units in Science subject areas. <b>N</b> COSC3911, COSC3001, COSC3901, PHYS3301, PHYS3901	Semester 2
<b>COSC3911</b> Scientific Computing (Advanced)	6	<b>A</b> Programming experience in MATLAB <b>P</b> 12 credit points chosen from Junior Mathematics and Statistics, 12 credit points of Intermediate units in Science subject areas with a credit average. <b>N</b> COSC3011, COSC3001, COSC3901, PHYS3301, PHYS3901	Semester 2
<b>PHYS1001</b> Physics 1 (Regular)	6	<b>A</b> HSC Physics <b>C</b> Recommended concurrent Units of Study: MATH (1001/1901, 1002/1902) <b>N</b> PHYS1002, PHYS1901	Semester 1
<b>PHYS1002</b> Physics 1 (Fundamentals)	6	<b>A</b> No assumed knowledge of Physics <b>C</b> Recommended concurrent Units of Study: MATH (1001/1901, 1002/1902) <b>N</b> PHYS1001, PHYS1901	Semester 1
<b>PHYS1003</b> Physics 1 (Technological)	6	<b>A</b> HSC Physics or PHYS (1001 or 1002 or 1901) or equivalent. <b>C</b> Recommended concurrent Units of Study: MATH (1003/1903), MATH (1005/1905). <b>N</b> PHYS1004, PHYS1902 <i>It is recommended that PHYS (1001 or 1002 or 1901) be completed before this unit</i>	Semester 2
<b>PHYS1004</b> Physics 1 (Environmental & Life Science)	6	<b>A</b> HSC Physics or PHYS (1001 or 1002 or 1901) or equivalent. <b>C</b> Recommended concurrent Units of Study: MATH (1003/1903), MATH (1005/1905). <b>N</b> PHYS1003, PHYS1902 <i>It is recommended that PHYS (1001 or 1002 or 1901) be completed before this unit</i>	Semester 2
<b>PHYS1500</b> Astronomy	6	<b>A</b> No assumed knowledge of Physics.	Semester 2
<b>PHYS1901</b> Physics 1A (Advanced)	6	<b>P</b> UAI (or ATAR equivalent) of at least 96, or HSC Physics result in Band 6, or PHYS1902, or Distinction or better in PHYS (1003 or 1004) or an equivalent unit. <b>C</b> Recommended concurrent Units of Study: MATH (1001/1901,1002/1902). <b>N</b> PHYS1001, PHYS1002	Semester 1
<b>PHYS1902</b> Physics 1B (Advanced)	6	<b>P</b> UAI (or ATAR equivalent) of at least 96, or HSC Physics result in Band 6, or PHYS1901, or Distinction or better in PHYS (1001 or 1002) or an equivalent unit. <b>C</b> Recommended concurrent unit of study: MATH (1003/1903), MATH (1005/1905). <b>N</b> PHYS1003, PHYS1004 <i>It is recommended that PHYS (1001 or 1002 or 1901) be completed before this unit</i>	Semester 2
<b>PHYS2011</b> Physics 2A	6	<b>A</b> MATH (1001/1901 and 1002/1902 and 1003/1903). MATH (1005/1905) would also be useful <b>P</b> 12 credit points of Junior Physics (excluding PHYS1500) <b>N</b> PHYS2001, 2901, PHYS2911, PHYS2213, PHYS2203	Semester 1
<b>PHYS2012</b> Physics 2B	6	<b>A</b> MATH (1001/1901 and 1002/1902 and 1003/1903). MATH (1005/1905) would also be useful <b>P</b> PHYS (1003 or 1004 or 1902) and PHYS (1001 or 1002 or 1901 or 2011 or 2911) <b>N</b> PHYS2102, PHYS2104, PHYS2902, PHYS2002, PHYS2912, PHYS2213, PHYS2203	Semester 2
<b>PHYS2013</b> Astrophysics and Relativity	6	<b>A</b> MATH (1001/1901 and 1002/1902 and 1003/1903). MATH 1005/1905 would also be useful <b>P</b> PHYS (1003 or 1004 or 1902) and PHYS (1001 or 1002 or 1901 or 2011 or 2911) <b>C</b> PHYS (2012 or 2912) <b>N</b> PHYS2001, PHYS2901, PHYS2913, PHYS2101, PHYS2103	Semester 2
<b>PHYS2911</b> Physics 2A (Advanced)	6	<b>A</b> MATH (1901/1001 and 1902/1002 and 1903/1003). MATH (1905/1005) would also be useful <b>P</b> Credit or better in PHYS (1901 or 1001 or 1002) and Credit or better in PHYS (1902 or 1003 or 1004). <b>N</b> PHYS2901, PHYS2001, PHYS2011, PHYS2101, PHYS2103, PHYS2213, PHYS2203	Semester 1

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>PHYS2912</b> <b>Physics 2B (Advanced)</b>	6	<b>A</b> MATH (1001/1901 and 1002/1902 and 1003/1903). MATH 1005/1905 would also be useful <b>P</b> Credit or better in PHYS (1003 or 1004 or 1902) and Credit or better in PHYS (1001 or 1002 or 1901 or 2001 or 2901 or 2011 or 2911). <b>N</b> PHYS2102, PHYS2104, PHYS2902, PHYS2002, PHYS2012, PHYS2213, PHYS2203	Semester 2
<b>PHYS2913</b> <b>Astrophysics and Relativity (Advanced)</b>	6	<b>A</b> MATH (1001/1901 and 1002/1902 and 1003/1903). MATH 1005/1905 would also be useful. <b>P</b> Credit or better in PHYS (1003 or 1004 or 1902) and Credit or better in PHYS (1001 or 1002 or 1901 or 2011 or 2911) <b>C</b> PHYS (2912 or 2012). <b>N</b> PHYS2001, PHYS2901, PHYS2013, PHYS2101, PHYS2103	Semester 2
<b>PHYS3015</b> <b>Topics in Senior Physics A</b>	6	<b>A</b> 6 credit points of Intermediate Mathematics <b>P</b> 12 credit points of Intermediate Physics <i>Note: Department permission required for enrolment</i>	Semester 1
<b>PHYS3025</b> <b>Topics in Senior Physics B</b>	6	<b>A</b> 6 credit points of Intermediate Mathematics <b>P</b> 12 credit points of Intermediate Physics <i>Note: Department permission required for enrolment</i>	Semester 2
<b>PHYS3040</b> <b>Electromagnetism and Physics Lab</b>	6	<b>P</b> PHYS(2011 or 2911 or 2001 or 2901), PHYS(2012 or 2912 or 2002 or 2902), MATH(2061 or 2961 or 2067) <b>N</b> PHYS3940, PHYS3941, PHYS3011, PHYS3014, PHYS3016, PHYS3017, PHYS3911, PHYS3914, PHYS3916, PHYS3917	Semester 1
<b>PHYS3051</b> <b>Thermodynamics/Biophysics &amp; Lab</b>	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) <b>N</b> PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3059, PHYS3959	Semester 1
<b>PHYS3052</b> <b>Nanoscience/Thermodynamics &amp; Lab</b>	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) <b>N</b> PHYS3952, PHYS3050, PHYS3051, PHYS3053, PHYS3056, PHYS3950, PHYS3951, PHYS3953, PHYS3956, PHYS3013, PHYS3021, PHYS3913, PHYS3921, PHYS3057, PHYS3957, PHYS3058, PHYS3958	Semester 1
<b>PHYS3054</b> <b>Nanoscience/Plasma Physics &amp; Physics Lab</b>	6	<b>A</b> Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) <b>N</b> PHYS3954, PHYS3050, PHYS3950, PHYS3052, PHYS3952, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3059, PHYS3959, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978	Semester 1
<b>PHYS3055</b> <b>Nanoscience/Plasma/Thermodynamics</b>	6	<b>A</b> Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) <b>N</b> PHYS3955, PHYS3050, PHYS3950, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3059, PHYS3959, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978	Semester 1
<b>PHYS3057</b> <b>Nanoscience/Thermodynamic/Biophysics</b>	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) <b>N</b> PHYS3957, PHYS3050, PHYS3950, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3059, PHYS3959	Semester 1
<b>PHYS3059</b> <b>Plasma/Thermodynamics/Biophysics</b>	6	<b>A</b> Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) <b>N</b> PHYS3959, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978	Semester 1
<b>PHYS3060</b> <b>Quantum Mechanics &amp; Physics Lab</b>	6	<b>P</b> PHYS(2011 or 2911 or 2001 or 2901); PHYS(2012 or 2912 or 2002 or 2902); MATH(2061 or 2961 or 2067) <b>N</b> PHYS3960, PHYS3961, PHYS3011, PHYS3024, PHYS3026, PHYS3027, PHYS3911, PHYS3924, PHYS3926, PHYS3927	Semester 2
<b>PHYS3062</b> <b>Quantum/Cond Matter Physics &amp; Lab</b>	6	<b>P</b> PHYS2012 or PHYS2912 <b>N</b> PHYS3060, PHYS3960, PHYS3961, PHYS3962, PHYS3068, PHYS3968, PHYS3070, PHYS3970, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981	Semester 2
<b>PHYS3068</b> <b>Optics/Cond. Matter and Lab</b>	6	<b>A</b> Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) <b>N</b> PHYS3968, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3069</b> <b>Optics/High Energy Physics &amp; Lab</b>	6	<b>A</b> Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) <b>N</b> PHYS3969, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3068, PHYS3968, PHYS3071, PHYS3971, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3076, PHYS3976, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3071</b> <b>High Energy/Astrophysics &amp; Lab</b>	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) <b>N</b> PHYS3971, PHYS3069, PHYS3969, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2



<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>PHYS3074</b> High Energy/Cond. Matter Physics & Lab	6	<b>A</b> Quantum Mechanics at Senior Physics level; MATH (2061 or 2961) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) <b>N</b> PHYS3974, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3073, PHYS3973, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3079</b> Cond. Matter/High Energy/Astrophysics	6	<b>A</b> Quantum Mechanics at Senior Physics level; MATH (2061 or 2961) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) <b>N</b> PHYS3979, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3080</b> Optics/Cond.Matter/High Energy Physics	6	<b>A</b> Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) <b>N</b> PHYS3980, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3081</b> Optics/Cond. Matter/Astrophysics	6	<b>A</b> Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) <b>N</b> PHYS3981, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3082</b> Optics/High Energy/Astrophysics	6	<b>A</b> Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) <b>N</b> PHYS3982, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981	Semester 2
<b>PHYS3915</b> Topics in Senior Physics A (Advanced)	6	<b>A</b> 6 credit points of Intermediate Mathematics <b>P</b> 12 credit points of Intermediate Physics. <i>Note: Department permission required for enrolment</i>	Semester 1
<b>PHYS3925</b> Topics in Senior Physics B (Advanced)	6	<b>P</b> 12 credit points of Intermediate Physics with a Credit average and 6 credit points of Intermediate Mathematics. <i>Note: Department permission required for enrolment</i>	Semester 2
<b>PHYS3940</b> Electromagnetism and Physics Lab (Adv)	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with a grade of at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with a grade of at least Credit; MATH (2061 or 2961 or 2067) <b>N</b> PHYS3040, PHYS3941, PHYS3011, PHYS3014, PHYS3016, PHYS3017, PHYS3911, PHYS3914, PHYS3916, PHYS3917	Semester 1
<b>PHYS3941</b> Electromagnetism & Special Project (Adv)	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; MATH (2061 or 2961 or 2067) <b>N</b> PHYS3040, PHYS3940, PHYS3961, PHYS3011, PHYS3911, PHYS3918, PHYS3928 <i>Note: Department permission required for enrolment</i> <i>Approval for this unit must be obtained from the School of Physics Senior Coordinator.</i>	Semester 1
<b>PHYS3951</b> Thermodynamics/Biophysics & Lab (Adv)	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit <b>N</b> PHYS3051, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3059, PHYS3959, PHYS3959	Semester 1
<b>PHYS3952</b> Nanoscience/Thermodynamics & Lab (Adv)	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit <b>N</b> PHYS3052, PHYS3050, PHYS3051, PHYS3053, PHYS3056, PHYS3950, PHYS3951, PHYS3953, PHYS3956, PHYS3013, PHYS3021, PHYS3913, PHYS3921, PHYS3057, PHYS3957, PHYS3058, PHYS3958	Semester 1
<b>PHYS3954</b> Nanoscience/Plasma Physics & Lab (Adv)	6	<b>A</b> Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit <b>N</b> PHYS3054, PHYS3050, PHYS3950, PHYS3052, PHYS3952, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3059, PHYS3959, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978	Semester 1
<b>PHYS3955</b> Nanoscience/Plasma/Thermodynamics (Adv)	6	<b>A</b> Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit <b>N</b> PHYS3055, PHYS3050, PHYS3950, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3059, PHYS3959, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978	Semester 1
<b>PHYS3957</b> Nanoscience/Thermodynamic/Biophys.(Adv)	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit <b>N</b> PHYS3057, PHYS3050, PHYS3950, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3059, PHYS3959	Semester 1

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>PHYS3959</b> <b>Plasma/Thermodynamics/Biophysics (Adv)</b>	6	<b>A</b> Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit <b>N</b> PHYS3059, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978	Semester 1
<b>PHYS3960</b> <b>Quantum Mechanics and Physics Lab (Adv)</b>	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; MATH (2061 or 2961 or 2067) <b>N</b> PHYS3060, PHYS3961, PHYS3011, PHYS3024, PHYS3026, PHYS3027, PHYS3911, PHYS3924, PHYS3926, PHYS3927	Semester 2
<b>PHYS3961</b> <b>Quantum Mechanics &amp; Special Project(Adv)</b>	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; MATH (2061 or 2961 or 2067) <b>N</b> PHYS3060, PHYS3960, PHYS3941, PHYS3011, PHYS3911, PHYS3918, PHYS3928 <i>Note: Department permission required for enrolment</i> <i>Approval for this unit must be obtained from the School of Physics Senior Coordinator</i>	Semester 2
<b>PHYS3962</b> <b>Quantum/Cond Matter Physics &amp; Lab (Adv)</b>	6	<b>P</b> PHYS2012 or PHYS2912 with result of credit or better <b>N</b> PHYS3060, PHYS3960, PHYS3961, PHYS3062, PHYS3068, PHYS3968, PHYS3070, PHYS3970, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981	Semester 2
<b>PHYS3968</b> <b>Optics/Cond. Matter and Lab (Adv)</b>	6	<b>A</b> Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit <b>N</b> PHYS3068, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3969</b> <b>Optics/High Energy Physics &amp; Lab (Adv)</b>	6	<b>A</b> Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit <b>N</b> PHYS3069, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3068, PHYS3968, PHYS3071, PHYS3971, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3971</b> <b>High Energy/Astrophysics and Lab (Adv)</b>	6	<b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit <b>N</b> PHYS3071, PHYS3069, PHYS3969, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3974</b> <b>High Energy/Cond. Matter Phys.&amp; Lab(Adv)</b>	6	<b>A</b> Quantum Mechanics at Senior Physics level; MATH (2061 or 2961) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit ; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit <b>N</b> PHYS3074, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3073, PHYS3973, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3979</b> <b>Cond. Matter/High Energy/Astrophys (Adv)</b>	6	<b>A</b> Quantum Mechanics at Senior Physics level; MATH (2061 or 2961) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit <b>N</b> PHYS3079, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3980</b> <b>Optics/Cond.Matter/High Energy Phys(Adv)</b>	6	<b>A</b> Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit <b>N</b> PHYS3080, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3081, PHYS3981, PHYS3082, PHYS3982	Semester 2
<b>PHYS3981</b> <b>Optics/Cond. Matter/Astrophysics (Adv)</b>	6	<b>A</b> Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit <b>N</b> PHYS3081, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3082, PHYS3982	Semester 2
<b>PHYS3982</b> <b>Optics/High Energy/Astrophysics (Adv)</b>	6	<b>A</b> Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) <b>P</b> PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit <b>N</b> PHYS3082, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981	Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>PHYS4011</b> Physics Honours A	12	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>PHYS4012</b> Physics Honours B	12	C PHYS4011	Semester 1 Semester 2
<b>PHYS4013</b> Physics Honours C	12	C PHYS4012	Semester 1 Semester 2
<b>PHYS4014</b> Physics Honours D	12	C PHYS4013	Semester 1 Semester 2
<b>Plant Science</b>			
<b>BIOL3009</b> Terrestrial Field Ecology	6	<b>A</b> BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. <b>P</b> 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001. <b>N</b> BIOL3909 <i>Note: One 6 day field trip held in the pre-semester break (18 - 23 July 2010), and 4 practical classes during weeks 1-4 in Semester 2.</i>	S2 Intensive
<b>BIOL3017</b> Fungi in the Environment	6	<b>P</b> 12 credit points of Intermediate Biology or Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography. <b>N</b> BIOL3917 <i>Dates: 15-26 February 2010. The completion of 6 credit points of MBLG units is highly recommended.</i>	S1 Intensive
<b>BIOL3909</b> Terrestrial Field Ecology (Advanced)	6	<b>A</b> BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. <b>P</b> Distinction average in 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001 <b>N</b> BIOL3009. <i>Note: One 6 day field trip held in the pre-semester break (18 - 23 July 2010) and 4 practical classes during weeks 1-4 in Semester 2.</i>	S2 Intensive
<b>BIOL3917</b> Fungi in the Environment (Advanced)	6	<b>P</b> Distinction average in 12 credit points of Intermediate Biology and Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography. <b>N</b> BIOL3017 <i>The completion of 6 credit points of MBLG units is highly recommended.</i>	S1 Intensive
<b>PLNT2001</b> Plant Biochemistry and Molecular Biology	6	<b>P</b> 12 credit points of Junior Chemistry and 12 credit points of Junior Biology (or with the Dean's permission BIOL1201 and BIOL1202) <b>N</b> PLNT2901, AGCH2001	Semester 1
<b>PLNT2002</b> Aust Flora: Ecology and Conservation	6	<b>P</b> 6 credit points of a Junior unit of study <b>N</b> PLNT2902	Semester 1
<b>PLNT2003</b> Plant Form and Function	6	<b>A</b> 12 credit points of Junior Biology, or equivalent eg BIOL (1001 or 1101 or 1901 or 1911) and BIOL (1002 or 1902 or 1003 or 1903) <b>N</b> PLNT2903, BIOL2003, BIOL2903, CROP2001	Semester 2
<b>PLNT2901</b> Plant Biochem & Molecular Biology (Adv)	6	<b>P</b> A Distinction average in 12 credit points of Junior Chemistry and 12 credit points of Junior Biology (or with the Dean's permission BIOL1201 and BIOL1202) <b>N</b> PLNT2001, AGCH2001	Semester 1
<b>PLNT2902</b> Aust Flora: Ecology & Conservation (Adv)	6	<b>A</b> The contents of BIOL(1002 or 1902) is assumed knowledge. Students wishing to enroll in Intermediate Biology (BIOL) and Plant Science (PLNT) units of study using BIOL(1003 or 1903) will need to do some preparatory reading <b>P</b> Distinction average in 6 credit points of Junior units of study <b>N</b> PLNT2002	Semester 1
<b>PLNT2903</b> Plant Form and Function (Advanced)	6	<b>A</b> 12 credit points of Junior Biology, or equivalent eg BIOL (1001 or 1101 or 1901 or 1911) and BIOL (1002 or 1902 or 1003 or 1903) <b>N</b> PLNT2003, BIOL2003, BIOL2903, CROP2001	Semester 2
<b>PLNT3001</b> Plant, Cell and Environment	6	<b>P</b> 12 credit points of Intermediate Biology, Plant Science, Molecular Biology and Genetics or equivalent <b>N</b> PLNT3901	Semester 2
<b>PLNT3901</b> Plant, Cell and Environment (Advanced)	6	<b>P</b> 12 credit points of Intermediate Biology, Plant Science, Molecular Biology and Genetics or equivalent with average grade of distinction <b>N</b> PLNT3001 <i>Note: Department permission required for enrolment</i>	Semester 2
<b>Psychology</b>			
<b>PSYC1001</b> Psychology 1001	6		Semester 1 Summer Main
<b>PSYC1002</b> Psychology 1002	6		Semester 2 Summer Main
<b>PSYC1551</b> Psychology Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>PSYC1552</b> Psychology Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>PSYC2011</b> Brain and Behaviour	6	<b>P</b> PSYC (1001 and 1002). <b>N</b> PSYC2111	Semester 1
<b>PSYC2012</b> Statistics & Research Methods for Psych	6	<b>A</b> Recommended: HSC Mathematics, any level <b>P</b> PSYC (1001 and 1002). <b>N</b> PSYC2112	Semester 1
<b>PSYC2013</b> Cognitive and Social Psychology	6	<b>P</b> PSYC (1001 and 1002). <b>N</b> PSYC2113	Semester 2
<b>PSYC2014</b> Personality and Intelligence 1	6	<b>P</b> PSYC (1001 and 1002) <b>N</b> PSYC2114	Semester 2
<b>PSYC2554</b> Psychology Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>PSYC2555</b> Psychology Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>PSYC2556</b> Psychology Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>PSYC2557</b> Psychology Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>PSYC3010</b> Advanced Statistics for Psychology	6	<b>P</b> PSYC (2012 or 2112) plus at least one other Intermediate Psychology Unit of Study from PSYC (2011 or 2111), PSYC (2013 or 2113), PSYC (2014 or 2114). <b>N</b> PSYC3201	Semester 2
<b>PSYC3011</b> Learning and Behaviour	6	<b>A</b> PSYC (2012 or 2112) <b>P</b> PSYC (2011 or 2111) and at least one other Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114). <b>N</b> PSYC3209	Semester 1
<b>PSYC3012</b> Cognition, Language and Thought	6	<b>A</b> PSYC (2012 or 2112) <b>P</b> PSYC (2013 or 2113) and at least one other Intermediate Psychology unit from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2014 or 2114). <b>N</b> PSYC3205	Semester 1
<b>PSYC3013</b> Perceptual Systems	6	<b>A</b> PSYC2012 <b>P</b> PSYC (2011 or 2111) and at least one other Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114) or ANAT2010 <b>N</b> PSYC3210	Semester 2
<b>PSYC3014</b> Behavioural and Cognitive Neuroscience	6	<b>A</b> PSYC (2113 or 2013) <b>P</b> (PSYC (2011 or 2111) and at least one other Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114)) OR (ANAT2010 plus PCOL2011) <b>N</b> PSYC3204, PSYC3215	Semester 2
<b>PSYC3015</b> Personality and Intelligence 2	6	<b>A</b> PSYC(2012 or 2112); PSYC(2013 or 2113) <b>P</b> PSYC(2014 or 2114) and PSYC(2011 or 2111 or 2012 or 2112 or 2013 or 2113)	Semester 1
<b>PSYC3016</b> Developmental Psychology	6	<b>P</b> PSYC (2013 or 2113) and at least one other Intermediate Psychology unit from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2014 or 2114). <b>N</b> PSYC3206	Semester 2
<b>PSYC3017</b> Social Psychology	6	<b>A</b> PSYC (2012 or 2112). <b>P</b> PSYC (2013 or 2113) and at least one other Intermediate Psychology Unit of Study from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2014 or 2114). <b>N</b> PSYC3212	Semester 1
<b>PSYC3018</b> Abnormal Psychology	6	<b>A</b> PSYC2012 <b>P</b> PSYC (2014 or 2114) and at least one other Intermediate Psychology unit of study from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2013 or 2113). <b>N</b> PSYC3203	Semester 1
<b>PSYC3020</b> Applications of Psychological Science	6	<b>P</b> 12 credit points of junior psychology and 12 credit points in Intermediate Psychology <b>N</b> PSYC3019	Semester 2

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>PSYC3557</b> Psychology Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>PSYC3558</b> Psychology Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>PSYC3559</b> Psychology Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>PSYC3560</b> Psychology Exchange	6	<i>Note: Department permission required for enrolment Special permission is required for this unit of study.</i>	S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b
<b>PSYC4011</b> Psychology Honours A	12	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>PSYC4012</b> Psychology Honours B	12	C PSYC4011	Semester 1 Semester 2
<b>PSYC4013</b> Psychology Honours C	12	C PSYC4012	Semester 1 Semester 2
<b>PSYC4014</b> Psychology Honours D	12	C PSYC4013	Semester 1 Semester 2
<b>Psychology for Social Work</b>			
<b>SCWK2004</b> Psychology for Social Work 201	6	<b>P</b> 48 junior credit points <i>This unit is only available to students enrolled in the Bachelor of Social Work and combined Bachelor of Arts/Bachelor of Social Work degrees.</i>	Semester 1
<b>SCWK2005</b> Psychology for Social Work 202	6	<b>P</b> 48 junior credit points. <i>This unit is only available to students enrolled in the Bachelor of Social Work and combined Bachelor of Arts/Bachelor of Social Work degrees.</i>	Semester 2
<b>Statistics</b>			
<b>STAT1021</b> General Statistical Methods 1	6	<b>A</b> HSC General Mathematics <b>N</b> MATH1005, MATH1015, MATH1905, ECMT1010	Semester 1
<b>STAT2011</b> Statistical Models	6	<b>P</b> MATH (1001 or 1901 or 1906 or 1011) and [MATH (1005 or 1905 or 1015) or STAT1021] <b>N</b> STAT2901, STAT2001, STAT2911	Semester 1
<b>STAT2012</b> Statistical Tests	6	<b>P</b> MATH (1005 or 1905 or 1015) <b>N</b> STAT2004, STAT2912	Semester 2
<b>STAT2911</b> Probability and Statistical Models (Adv)	6	<b>P</b> MATH (1903 or 1907 or Credit in 1003) and MATH (1905 or 1904 or Credit in 1005) <b>N</b> STAT2001, STAT2011, STAT2901	Semester 1
<b>STAT2912</b> Statistical Tests (Advanced)	6	<b>A</b> STAT (2911 or 2901) <b>P</b> MATH1905 or Credit in MATH1005 <b>N</b> STAT2004, STAT2012	Semester 2
<b>STAT3011</b> Stochastic Processes and Time Series	6	<b>P</b> STAT (2011 or 2911 or 2001 or 2901) and MATH (1003 or 1903 or 1907). <b>N</b> STAT3911, STAT3003, STAT3903, STAT3005, STAT3905	Semester 1
<b>STAT3012</b> Applied Linear Models	6	<b>P</b> STAT(2012 or 2912 or 2004) and MATH(1002 or 1014 or 1902). <b>N</b> STAT3912, STAT3002, STAT3902, STAT3004, STAT3904	Semester 1
<b>STAT3013</b> Statistical Inference	6	<b>P</b> STAT(2012 or 2912 or 2003 or 2903) and STAT (2011 or 2911) <b>N</b> STAT3913, STAT3001, STAT3901	Semester 2
<b>STAT3014</b> Applied Statistics	6	<b>A</b> STAT(3012 or 3912). <b>P</b> STAT(2012 or 2912 or 2004). <b>N</b> STAT3914, STAT3002, STAT3902, STAT3006	Semester 2
<b>STAT3911</b> Stochastic Processes and Time Series Adv	6	<b>P</b> (STAT2911 or credit in STAT2011) and MATH(1003 or 1903 or 1907). <b>N</b> STAT3011, STAT3003, STAT3903, STAT3005, STAT3905	Semester 1

## 5. Arts units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>STAT3912 Applied Linear Models (Advanced)</b>	6	<b>P</b> (STAT2912 or Credit in STAT2004 or Credit in STAT2012) and MATH(2061 or 2961 or 1902). <b>N</b> STAT3012, STAT3002, STAT3902, STAT3004, STAT3904	Semester 1
<b>STAT3913 Statistical Inference Advanced</b>	6	<b>P</b> STAT(2911 or 2903). <b>N</b> STAT3013, STAT3001, STAT3901 <i>It is advisable to have also completed STAT2912</i>	Semester 2
<b>STAT3914 Applied Statistics Advanced</b>	6	<b>A</b> STAT3912 <b>P</b> STAT2912 or credit or better in (STAT2004 or STAT2012). <b>N</b> STAT3014, STAT3002, STAT3902, STAT3006, STAT3907	Semester 2
<b>STAT4201 Mathematical Statistics Honours A</b>	12	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>STAT4202 Mathematical Statistics Honours B</b>	12	<b>C</b> STAT 4201	Semester 1 Semester 2
<b>STAT4203 Mathematical Statistics Honours C</b>	12	<b>C</b> STAT 4202	Semester 1 Semester 2
<b>STAT4204 Mathematical Statistics Honours D</b>	12	<b>C</b> STAT 4203	Semester 1 Semester 2

## 6. Science units of study

This chapter provides information on each of the undergraduate units of study offered by the Faculty of Science, as well as additional information on each of the teaching Schools and Departments and interdisciplinary subject areas.

### Organisation of unit of study information

The units of study are generally organised alphabetically by School or Departments. EMHU and HSTO units can be found under the entry for Anatomy and Histology. NEUR can be found in the Anatomy or Physiology entries, depending on the principle teaching department for the individual unit. COMP, INFO, ISYS, NETS, MULT AND SOFT can be found under the Information Technologies entry. Further information on Information Technology units can be found in the Faculty of Engineering and Information Technologies Handbook and website. NTMP can be found under the Marine Science entry. STAT can be found under the Mathematics and Statistics entry. VIRO can be found under the Microbiology entry.

### Aerospace, Mechanical and Mechatronic Engineering

The School of Aerospace, Mechanical and Mechatronic Engineering is part of the Faculty of Engineering and Information Technologies. In addition to providing professional training in aerospace, mechanical, biomedical and mechatronic engineering, units of study in the School are available to students in the Faculty of Science who meet any prerequisite requirements for a particular unit.

### Registration

Timetable information on alternative lecture/tutorial/laboratory/practical classes is available in the General Office of the School.

### Tutorials and laboratories

All students are required to undertake the tutorial and laboratory work associated with the chosen units of study, details of which are provided in the timetables. The experimental and tutorial work, an integral part of the unit of study, complements the lecture material.

### Double degree

Science graduates may obtain up to two years advanced standing towards a Bachelor of Engineering degree in Aerospace, Mechanical, Mechatronic or Biomedical Engineering. Students wishing to undertake this option must apply through UAC and compete on the basis of academic merit. Information about application procedures is available from the Engineering Faculty Office in the Engineering and Information Technologies Building.

### Agricultural Chemistry and Soil Science

Study in the discipline of Agricultural Chemistry is offered by the Faculty of Agriculture, Food and Natural Resources. Units of study in Agricultural Chemistry for Science students cover aspects of chemistry and biochemistry which are relevant in basic and applied biological sciences including agriculture, the environment and food science. The unit of study, Introductory Rural Environmental Chemistry (AGCH2003) introduces students to basic analytical and environmental chemistry. Senior units of study include Chemistry and Biochemistry of Foods A and B (AGCH3025 and AGCH3026) and Land and Water Ecochemistry (AGCH3032). These senior units of study introduce students to the applied aspects of food chemistry science or to applied environmental chemistry. Emphasis is placed on the chemistry of both naturally occurring molecules of biological, agricultural and

environmental significance (eg in foods and natural fibres), and chemically synthesised (eg insecticides and herbicides). Agricultural Chemistry Honours is available to students who wish to further their studies in food chemistry or environmental chemistry.

#### AGCH2003

##### Rural Environmental Chemistry

**Credit points:** 6 **Teacher/Coordinator:** Dr Robert Caldwell, Prof Ivan Kennedy  
**Session:** Semester 1 **Classes:** 3 lec/week and 30 hours of lab/semester  
**Prerequisites:** 12 credit points of Junior Chemistry **Prohibitions:** AGCH2001, AGCH2002 and CHEM2404 **Assessment:** One 2 hr exam, laboratory reports, theory of laboratory test, lecture quiz.

This introductory unit of study consists of aspects of chemistry relevant in studies of basic and applied biological sciences including agriculture, food and the rural environment. Lecture topics include an introduction to quantitative aspects of biophysical, environmental and aquatic chemistry with particular reference to protocols for specimen sampling and maintenance of specimen quality; the principles of basic analytical methods such as spectroscopy, chromatography and electrochemistry; environmental aspects of water such as thermal properties and its behaviour as a solvent of hydrophobic solutes, surfactants, neutral hydrophilic solutes, salts and other electrolytes, and gases. The lectures will also include environmental nutrient cycling (C, N, S, O, P, micronutrients) with reference to pesticides, herbicides, organic and inorganic pollutants affecting agricultural produce and the environment, and gases of environmental concern. Ten laboratory sessions will demonstrate aspects of analytical chemistry including: elemental analysis of foods and natural waters, spectrophotometry, chromatographic techniques, preparation of buffers, fundamentals of pH and conductance measurement, water as a solvent including the effect of surfactants and electrolytes. Students will analyze natural water samples using the skills acquired in earlier laboratory sessions and write an environmental assessment from their findings. An on-line tutorial on safety procedures in a chemistry laboratory is a pre-requisite for commencement of laboratory experiments.

#### AGCH3025

##### Chemistry and Biochemistry of Foods

**Credit points:** 6 **Teacher/Coordinator:** Dr Meredith Wilkes, Dr Robert Caldwell, Prof Les Copeland **Session:** Semester 1 **Classes:** 3 lec/wk; 24 hrs lab  
**Prerequisites:** AGCH2003 or AGCH2004 or PLNT2001 or PLNT2901 or BCHM2071 or BCHM2072 or 6 credit points of Intermediate units in Chemistry **Prohibitions:** AFNR5102 **Assessment:** One 2-hr theory exam, practical reports, lecture quizzes.

This unit of study aims to give students an understanding of the properties of food constituents, and the interactions between these constituents during food processing, storage and digestion. The unit will develop an understanding of the relationship between form and functionality of constituents and the concept of fitness-for-purpose (ie, quality) in converting agricultural products into foods. Students will gain an appreciation of the relationship between chemical composition and properties of macroconstituents (carbohydrates, proteins, lipids) and microconstituents (vitamins, minerals, flavour and antinutritional chemicals) and their functions in plant and animal based foods. The material presented in lectures and practical classes will enable students to develop research and inquiry skills and an analytical approach in understanding the biochemistry of foods, food processing and storage. On completing this unit, students will be able to describe the chemical and biochemical properties of major food constituents, and demonstrate an understanding of the functionality of these constituents in food processing and nutrition. Students will have gained experience in laboratory techniques used in industry for the analysis



of some food products, and information literacy and communication skills from the preparation of practical reports.

#### Textbooks

Laboratory notes will be available for purchase from the Copy Centre in the first week of semester and lecture notes and readings will be made available through WebCT. There is no recommended textbook.

### AGCH3026

#### Food Biotechnology

**Credit points:** 6 **Teacher/Coordinator:** Dr Meredith Wilkes, Dr Robert Caldwell, Prof Les Copeland **Session:** Semester 1 **Classes:** 3 lec/wk; 24 hrs lab **Prerequisites:** AGCH2003 or AGCH2004 or PLNT2001 or PLNT2901 or BCHM2071 or BCHM2072 or 6 credit points of Intermediate units in Chemistry **Corequisites:** AGCH3025 **Prohibitions:** AFNR5103 **Assessment:** One 2-hr exam, practical reports, oral and written presentation on a case study.

This unit aims to give students an understanding of the chemistry, biochemistry and biotechnology of analytical and diagnostic methods and manufacturing processes used in the conversion of raw products into foods. Knowledge of food constituents gained in AGCH3025 will be applied to develop an understanding of: the use of enzymes in food processing and diagnostic technologies; processing of cereal, legume and oilseed grains, and livestock products, into foods; doughs and baking technologies; the evaluation of foods and food quality. Emphasis is placed on current issues faced by the food industry (including GM technology, organic production, and food safety) through a series of special guest lectures from people connected with the food industry. On completing this unit, students will have gained an enhanced understanding of food production and manufacturing systems, the processing of raw ingredients into food products, and food analysis and evaluation. Students will have gained experience in laboratory techniques used in industry for the analysis of some food products, and information literacy and communication skills from the preparation of a case study and practical reports.

#### Textbooks

Laboratory notes will be available for purchase from the Copy Centre in the first week of semester and lecture notes and readings will be made available through WebCT. There is no recommended textbook.

### AGCH3032

#### Land and Water Ecochemistry

**Credit points:** 6 **Teacher/Coordinator:** Professor Ivan Kennedy, Dr Robert Caldwell **Session:** Semester 2 **Classes:** 5-day field trip in AVCC common break; 20 hr lectures/tutorials, 25 hr laboratory classes and project during semester **Prerequisites:** AGCH2003 or AGCH2004 or PLNT2001 or CHEM24XX or BCHM2XXX or ENV12001 **Prohibitions:** AGCH3030, AGCH3031 **Assessment:** One 2 hr exam, field trip report and presentation, prac and project reports.

This field-oriented unit will develop professional expertise in rural ecochemistry, measuring impacts on sustainability and seeking solutions to chemical problems at the catchment scale. AGCH3032 is an elective unit suitable for the BSc, BScAgr, BLWSc, BHortSc, BResEc and BAnVetBioSc degrees, building on intermediate units in chemistry or biochemistry. It will promote knowledge and professional skills related to key chemical processes in ecosystems causing risks to soil and water resources, the quality of agricultural produce and to ecological biodiversity. These will be examined by quantitative risk analysis, targeted monitoring and remediation, seeking innovative solutions (e.g. IPM and genetic modification).

A field trip in the AVCC break and professional report on a chosen topic will investigate relevant case studies at selected centres in eastern Australia doing innovative research on global warming and climate change, soil and water quality and environmental protection. Lectures will provide knowledge in the environmental C, N and S cycles important for sustaining action in ecosystems, the nature of greenhouse gases and mitigation of their production including C sequestration, risks to biota (soil, water, plants, animals) from acidification and innovative means of remediation, environmental risk from pesticides and other pollutants, monitoring and their remediation. In laboratory exercises, students will gain skills in relevant analyses using GC, LC, mass spectrometry and ELISA. The assessment procedures are designed to provide students with skills in definition

of research problems and risk assessment, quality in analyses, risk management and remediation, and effective communication of outputs.

## Agricultural Chemistry Honours

Honours in Agricultural Chemistry aims to provide students with problem-solving and communication skills required by professional chemists in enterprises concerned with agricultural production and processing, foods and beverages, and environmental science; enable students to learn to work independently in a laboratory environment; familiarise students with the research literature and methodology of biological chemistry; and provide a basis for students who wish to proceed to postgraduate research. Candidates should consult the department as soon as possible after results in senior units of study are obtained. The unit of study consists of a research project and four 6 credit point units of study. The research project component includes oral as well as written forms of assessment. Projects are usually available in one of the following areas of current research interest in the department: carbohydrate and nitrogen metabolism in plants, biological nitrogen fixation and biofertilisers, greenhouse gas production, the biochemistry and environmental chemistry of pesticides and herbicides, environmental risk assessment, acidification of ecosystems, residue analysis in foods, aspects of food science including oil seed and cereal chemistry and biochemistry.

## Soil Science

The Soil Science units of study aim primarily at giving students an introduction to the three major branches of soil science, namely soil physics, soil chemistry, and pedology, and at providing the basis for a professional career in each of these divisions for students wishing to specialise. The introductory unit of study is particularly relevant for students interested in the environmental and geological sciences and in land-use management. For a major in Soil Science, the minimum requirement is completion of SOIL3008, 3009 and 3010 and one of (AGCH3032 or LWSC3006 or PPAT4005).

### SOIL2003

#### Soil Properties and Processes

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Balwant Singh (Coordinator), Prof Alex McBratney, Dr Stephen Cattle **Session:** Semester 1 **Classes:** (3 lec & 3hr prac)/wk, and a compulsory field excursion. **Assessment:** Soil description report (10%), Quizzes (or Essay) (15%), Practical exercise book (20%), Practical exam (15%) and Written exam (40%).

This unit of study is designed to introduce students to the fundamental concepts within pedology, soil physics and soil chemistry. These concepts are part of the grounding principles that underpin crop and animal production, nutrient and water cycling, and environmental sustainability taught by other units of study in the Faculty. Students will participate in a two-day field excursion in the first week of semester to examine some common soils of the Sydney Basin, they will also learn to describe soil, and measure soil chemical and physical properties in the field. Referring to common soil profiles of the Sydney Basin, students will concentrate on factors affecting soil formation, the rudiments of soil description, and analysis of soil properties that are used in soil classification. Students will also develop knowledge of the physics of water and gas movement, soil strength, soil chemical properties, inorganic and organic components, nutrient cycles and soil acidity in an agricultural context. At the end of this unit students will become familiar with the factors that determine a soil's composition and behaviour, and will have an understanding of the most important soil physical and chemical properties. Students will develop communication skills through essay, report and practical exercises. The final report and laboratory exercise questions are designed to develop team work and collaborative efforts.

#### Textbooks

Campbell, K.O. & Bowyer, J.W. (eds) (1988). *The Scientific Basis of Modern Agriculture*. Sydney University Press.

White, R.E. (2006). *Principles and Practice of Soil Science: the Soil as a Natural Resource*. 4th ed., Blackwell Science, Oxford.

Charman, P.E.V. & Murphy, B.W. (2000). *Soils: Their properties and management*. 2nd ed. Oxford University Press, Melbourne.



**SOIL2004****The Soil Resource**

**Credit points:** 6 **Teacher/Coordinator:** Dr Stephen Cattle (Coordinator), Prof Alex McBratney, A/Prof Balwant Singh **Session:** Semester 2 **Classes:** (2 lec, 2 prac)/wk, 24 hr (5 days) field work out of semester time **Assessment:** Fieldtrip participation (5%), soil survey mapping report (30%), laboratory report and poster presentation (25%), three group tutorials (20%), viva voce exam (20%)

This unit will familiarize students with the description and mapping of soil types in the Australian landscape, with common analytical methods for soil and with the various forms of degradation that may alter the quality and function of soil. It is an applied soil science unit which builds on the fundamental soil science concepts learned in the SOIL2003 unit. The first practical component of the unit, a five-day soil survey, will give students experience in soil description and classification in the field, and soil samples collected during this survey will be subsequently analysed for a variety of attributes by the students in laboratory practicals. In the lecture series, topics including soil type distribution, soil quality, soil function, soil fertility and soil degradation will be discussed and linked to practical sessions. By the end of this unit, students will be able to construct maps of soil properties and soil type distribution, describe primary soil functions, soil attributes and types of soil degradation in an agricultural context, and be able to recognize and communicate the ability of a soil profile to sustain plant growth. Students will gain research and inquiry skills by collecting, analyzing and interpreting soil survey data, and will gain communication skills by having to prepare and present a poster.

*Textbooks*

Brady NC & Weil RR. (2002) *The Nature and Properties of Soils*. 13th ed. (or any later edition) Prentice Hall, New Jersey.  
Isbell RF McDonald WS & Ashton LJ. (1997) *Concepts and Rationale of the Australian Soil Classification*. Australian Collaborative Land Evaluation Program, CSIRO Publishing, Canberra.  
White RE (2006) *Principles and Practice of Soil Science: the Soil as a Natural Resource*. 4th ed., Blackwell Science, Oxford.  
McKenzie N, Jacquier D, Isbell, R & Brown K. (2004) *Australian Soils and Landscapes: An Illustrated Compendium*. CSIRO publishing, Melbourne.

**SOIL3008****Rural Spatial Information Systems**

*This unit of study is not available in 2010*

**Credit points:** 6 **Teacher/Coordinator:** Dr I Odeh **Session:** Semester 1 **Classes:** (2 lec, 2hr prac)/wk, four-day field trip **Assessment:** One 15 min presentation (10%), 3500w prac report (35%), 1500w report on field excur (15%), one 2 hr exam (40 %)

This unit is designed to impart knowledge and skills in spatial analysis and geographical information science (GISc) for decision-making in rural context. The unit of study is intended to introduce students to modern geospatial analysis and GISc technologies. It is offered as a core unit for BLWSc students and as an elective for BScAgr, BHortSc, BSc and BResEc students. The lecture material will present several themes: principles of GISc, fundamentals of remote sensing and geo-image analysis, geospatial data sources and acquisition methods, processing of geospatial data and spatial statistics. Practical exercises will focus on learning geographical information systems (GIS) and how to apply them to land resource assessment, including digital terrain modelling, land-cover assessment, sub-catchment modelling, and soil quality assessment for decisions regarding sustainable land use and management. A 4 day field excursion during the mid-semester break will involve a day GPS fieldwork at Arthursleigh University farm and three days in Canberra visiting various government agencies which research and maintain GIS coverages of major rural environments. By the end of this UoS, students should be able to: differentiate between spatial data and spatial information; source geospatial data from government and private agencies; apply conceptual models of spatial phenomena for practical decision-making in rural context; apply critical analysis of situations to apply the concepts of spatial analysis to solving environmental and land resource problems; communicate effectively results of GIS and remote sensing investigations through various means- oral, written and essay formats; and use a major GIS software package such as ArcGIS

*Textbooks*

Burrough, P.A. and McDonnell, R.A. 1998. *Principles of Geographic Information Systems*. Oxford University Press: Oxford.  
Clarke, K. C. 2003. *Getting Started With Geographic Information Systems*. 4th Edition. Prentice Hall: Upper Saddle River, New Jersey.  
Jensen, J. R. 2000. *Remote Sensing of the Environment: An Earth Resources Perspective*. Prentice Hall: Upper Saddle River, New Jersey.  
Lillesand, T. M. Kiefer, R. W. Chipman J. W. 2004. *Remote Sensing and Image Interpretation*. 5rd ed. Wiley International: New York

**SOIL3009****Contemporary Field and Lab Soil Science**

**Credit points:** 6 **Teacher/Coordinator:** Prof Alex McBratney (coordinator), A/Prof Balwant Singh, Dr Stephen Cattle, Dr Budiman Minasny **Session:** Semester 1 **Classes:** (2 lec, 2 prac)/wk, 6-day field excursion **Prerequisites:** SOIL2003 **Assessment:** One 2hr exam; pedology, soil physics and soil chemistry written assessments; group presentation, synthesis paper

This is a theoretical and empirical unit providing specialised training in three important areas of contemporary soil science, namely pedology, soil chemistry and soil physics. The key concepts of these sub-disciplines will be outlined and strengthened by hands-on training in essential field and laboratory techniques. All of this is synthesized by placing it in the context of soil distribution and use in North-Western New South Wales. The unit is motivated by the teaching team's research in this locale. It builds on students existing soil science knowledge gained in SOIL2003. After completion of the unit, students should be able to articulate the advantages and disadvantages of current field & laboratory techniques for gathering necessary soil information, and simultaneously recognise key concepts and principles that guide contemporary thought in soil science. Students will be able to synthesise soil information from a multiplicity of sources and have an appreciation of the cutting edge areas of soil research. By investigating the contemporary nature of key concepts, students will develop their skills in research and inquiry. Students will develop their communication skills through report writing and oral presentations and will also articulate an openness to new ways of thinking which augments intellectual autonomy. Teamwork and collaborative efforts are encouraged in this unit.

*Textbooks*

D. Hillel. 2004. *Introduction to Environmental Soil Physics*. Elsevier Science, San Diego, CA, USA  
R. Schaeztl and S. Anderson 2005. *Soils: Genesis and Geomorphology*. Cambridge University Press, New York, NY, USA  
D.L. Sparks 2003 *Environmental Soil Chemistry* (2nd edn). Academic Press, San Diego, CA, USA

**SOIL3010****The Soil at Work**

**Credit points:** 6 **Teacher/Coordinator:** Prof Alex McBratney (coordinator) A/Prof Balwant Singh, Dr Stephen Cattle (facilitators) plus research-only academics **Session:** Semester 2 **Classes:** Problem-based unit: each student completes 2 problems; 4 x 3 hr workshops per problem (each student attends 8 workshops in total) **Prerequisites:** SOIL2003 or SOIL2004 **Assessment:** For each of two scenarios: Statement of the problem report (12.5%) - shared info, but two team reports; How to tackle problem seminar (12.5%) - team seminars, before fieldwork, analyses done; Results seminar (12.5%) - team seminars; Final report (12.5%) - individual work.

This is a problem-based applied soil science unit. It is designed to allow students to identify soil-related problems in the real-world and by working in a group and with an end-user to suggest short and long-term solutions to such problems. This is a core unit for students majoring or specializing in soil science and an elective unit for those wishing to gain an understanding of environmental problem-solving. It utilises and reinforces soil-science knowledge gained in SOIL2003 and/or SOIL2004 and problem-solving skills gained during the degree program. This unit will address real-world scenarios which involve soil-related problems such as carbon management, structural decline, acidification, salinisation and contamination. Students will gain some understanding of the concept of sustainability, and will be able to identify the causes of problems by reference to the literature, discussion with landusers and by the design and execution of key experiments and surveys. They will gain a focused knowledge of the key soil drivers to environmental problems and will have some understanding on the constraints surrounding potential solutions. By designing and administering strategies to tackle real-world soil issues

students will develop their research and inquiry skills and enhance their intellectual autonomy. By producing reports and seminars that enables understanding by an end-user students will improve the breadth of their communication skills.

#### Textbooks

I.W.Heathcote 1997. Environmental Problem Solving: A Case Study Approach. McGraw-Hill, New York, NY, USA.

### AGCH3032

#### Land and Water Ecochemistry

**Credit points:** 6 **Teacher/Coordinator:** Professor Ivan Kennedy, Dr Robert Caldwell **Session:** Semester 2 **Classes:** 5-day field trip in AVCC common break; 20 hr lectures/tutorials, 25 hr laboratory classes and project during semester **Prerequisites:** AGCH2003 or AGCH2004 or PLNT2001 or CHEM24XX or BCHM2XXX or ENVI2001 **Prohibitions:** AGCH3030, AGCH3031 **Assessment:** One 2 hr exam, field trip report and presentation, prac and project reports.

This field-oriented unit will develop professional expertise in rural ecochemistry, measuring impacts on sustainability and seeking solutions to chemical problems at the catchment scale. AGCH3032 is an elective unit suitable for the BSc, BScAgr, BLWSc, BHortSc, BResEc and BAnVetBioSc degrees, building on intermediate units in chemistry or biochemistry. It will promote knowledge and professional skills related to key chemical processes in ecosystems causing risks to soil and water resources, the quality of agricultural produce and to ecological biodiversity. These will be examined by quantitative risk analysis, targeted monitoring and remediation, seeking innovative solutions (e.g. IPM and genetic modification).

A field trip in the AVCC break and professional report on a chosen topic will investigate relevant case studies at selected centres in eastern Australian doing innovative research on global warming and climate change, soil and water quality and environmental protection. Lectures will provide knowledge in the environmental C, N and S cycles important for sustaining action in ecosystems, the nature of greenhouse gases and mitigation of their production including C sequestration, risks to biota (soil, water, plants, animals) from acidification and innovative means of remediation, environmental risk from pesticides and other pollutants, monitoring and their remediation. In laboratory exercises, students will gain skills in relevant analyses using GC, LC, mass spectrometry and ELISA. The assessment procedures are designed to provide students with skills in definition of research problems and risk assessment, quality in analyses, risk management and remediation, and effective communication of outputs.

### LWSC3006

#### Landscape Hydrology and Management

**Credit points:** 6 **Teacher/Coordinator:** Dr Willem Vervoort **Session:** Semester 1 **Classes:** (2 lec, 0.6 on-line 2.4 prac )hr/wk **Prerequisites:** LWSC2002 or GEOG2321 **Assumed knowledge:** LWSC3005 **Assessment:** On-line activities 10%; oral presentation 10%; practical reports 50%; 2 hr exam 30%.

This unit of study is designed to allow students to examine catchment-scale hydrological modeling and groundwater hydrogeochemistry as an investigative tool for water quality and policy making at the catchment level.

It is a core unit for students in BLWSc and builds on the theoretical knowledge gained in GEOG2321 and LWSC2002. In the first part, students will learn how to develop their own simulation model of catchment hydrological processes in R and review the possibilities and impossibilities of using simulation models for catchment management. In the second part students will apply hydrogeochemical techniques to investigate groundwater quality and review recent developments in catchment-based management strategies to control salinity and pollution. At the end of this unit, students will be able to build their own catchment model and calibrate this model, articulate advantages and disadvantages of using simulation models for catchment management, justify the choice of a simulation model for a particular catchment management problem, identify issues in relation to uncertainty, apply hydrogeochemical investigation techniques for groundwater and describe innovative strategies for salinity and pollution control. The students will gain research and inquiry skills through research based group projects, information literacy and

communication skills through on-line discussion postings, laboratory reports and a presentation and personal and intellectual autonomy through working in groups.

### PPAT4005

#### Soil Biology

**Credit points:** 6 **Teacher/Coordinator:** Prof David Guest **Session:** Semester 1 **Classes:** 5 h/wk **Prerequisites:** MICR2024 or 6cp intermediate microbiology **Assessment:** Tutorial papers (30%), project proposal and report (50%), peer review (20%).

This unit investigates the diversity of organisms living in the soil, their biology, interactions and ecology, and their roles in soil function. The unit builds on the knowledge introduced in MICR2024, PPAT3003 and BIOL3017 and complements soil science studies. Undertaking this unit will develop skills in monitoring soil microbes, designing, conducting and analysing experiments. At the completion of this unit, students will be able to exercise problem-solving skills (developed through practical experiments, projects and tutorial discussions), think critically, and organise knowledge (from consideration of the lecture material and preparation of project reports), and expand from theoretical principles to practical explanations (through observing and reporting on project work). Students will consolidate their teamworking skills, develop self-directed study skills and plan effective work schedules, use statistical analysis in research, keep appropriate records of laboratory research, work safely in a research laboratory and operate a range of scientific equipment. Students will gain research and inquiry skills through group research projects, information literacy and communication skills through assessment tasks and personal and intellectual autonomy through working in groups.

#### Textbooks

Sylvia et al. 2005. Principles and Applications of Soil Microbiology 2nd ed. Pearson.

### Soil Science Honours

The honours program consists of several parts:(i) supplementary lectures and seminars;(ii) topics of study selected from Agricultural Chemistry, Biometry, Botany, Geology, Physical Chemistry, Mathematics, Soil Mechanics, Soil Microbiology, etc;(iii) a small amount of field work performed under direction; and(iv) a project in one branch of soil science.

## Anatomy and Histology

The Discipline of Anatomy and Histology teaches topographical and neuroanatomy, histology and cell biology, developmental biology and physical anthropology to students in the Faculties of Science, Medicine and Dentistry.

### Location

The office is in the Anderson Stuart Building. The Discipline Office is on the first floor, Room S463.

### Noticeboards

The noticeboards are situated near Room S463. Students are advised to consult the noticeboard regularly. Timetables for lectures and practical classes will be posted, where possible, in the week before the beginning of each semester.

### Advice on units of study and enrolment

Students wishing to enrol in units of study in Anatomy and Histology must consult the Discipline advisers in the Enrolment Centre during re-enrolment week prior to enrolling in the units of study. Information will be available at this time on the units of study offered by the Discipline and on the advisability of various combinations of subjects.

### Registration

All students should register with the Discipline. Please consult the Discipline's noticeboards for details.

## Vaccinations

All students studying gross anatomy or neurosciences who may also be exposed to human tissues or fluids should contact the University Health Service regarding vaccinations.

## Protective clothing

All students studying gross anatomy or neurosciences must wear a laboratory coat or gown in tutorial rooms and a gown in dissection rooms and must wear gloves when handling cadaveric material. Closed footwear must be worn in both tutorial rooms and dissection rooms.

## Website

The Department's website is [www.anatomy.usyd.edu.au](http://www.anatomy.usyd.edu.au).

### ANAT2008

#### Principles of Histology

**Credit points:** 6 **Teacher/Coordinator:** Dr Laura Lindsay **Session:** Semester 1 **Classes:** Two 1-hour lectures and one 2-hour practical per week; online and museum exercises (6 hours per week total) **Prerequisites:** 6 credit points of Junior Biology or Junior Psychology **Prohibitions:** ANAT2001 **Assumed knowledge:** General concepts in human biology **Assessment:** One 1-hour theory exam, one 1 hour practical exam, four quizzes

This unit of study covers the principles of cell biology and study of the structure of cells, tissues and organ systems at the light and electron microscopic levels. The focus is on human systems. Extension exercises introduce students to the connection between histology and anatomy. Modern practical applications of histological techniques and analysis for research are also presented.

#### Textbooks

Ross, MH, Paulina, W. Histology - A Text and Atlas. 5th Edition, Lippincott Williams and Wilkins. 2006.

### ANAT2009

#### Comparative Primate Anatomy

**Credit points:** 6 **Teacher/Coordinator:** Dr Denise Donlon **Session:** Semester 2 **Classes:** Two 1-hour lectures and one 2-hour practical per week; museum project. **Prerequisites:** 12 credit points of Junior Biology (BIOL) or Junior Psychology or Junior Archaeology. **Prohibitions:** ANAT2002 **Assumed knowledge:** Knowledge of basic vertebrate biology **Assessment:** One 1-hour theory exam, one 30 min prac exam, two quizzes, one 2000 word essay

This unit of student covers the musculo-skeletal anatomy of the human body with particular emphasis on human evolution and comparisons with apes and fossil hominids. The topics covered include the versatility of the human hand, in manipulation and locomotion, bipedalism, climbing and brachiation in apes, and the change in pelvic anatomy associated with bipedalism and obstetric consequences.

#### Textbooks

Kapit, W and Elson, LM The Anatomy Coloring Book. Addison-Wesley. 2001.  
Reference books:  
Aiello, L, Dean, C. An Introduction to Human Evolutionary Anatomy. Academic Press. 1990.  
Zilman, AL. The Human Evolution Coloring Book. Barnes and Noble, Sydney. 1982

### ANAT2010

#### Concepts of Neuroanatomy

**Credit points:** 6 **Teacher/Coordinator:** Dr Karen Cullen **Session:** Semester 2 **Classes:** Two 1-hour lectures and one 2-hour practical per week. **Prerequisites:** BIOL (1003 or 1903) and one of: ANAT2008 or BIOL (1002 or 1902) or MBLG(1001 or 1901 or 2071 or 2971) or PSYC (1001 and 1002). Students must have a grade of credit in at least one of the prerequisite units. **Prohibitions:** ANAT2003 **Assumed knowledge:** Background in basic cell biology and basic mammalian biology. **Assessment:** One 1.5-hour theory exam, one 1 hour practical exam, 2000 word essay, practical reports

Students are introduced to the structure and organisation of the central and peripheral nervous system. The course begins with an exploration into the make-up of the individual cells, followed by an examination of the different regions of the nervous system. A final theme of the course touches on the organisation of various systems (sensory and motor), together with aspects of higher-order function (memory). In essence, the course covers general concepts of organisation, structure and function of the brain and its different areas. The practicals offer students the unique opportunity to examine specimens in the Anatomy

labs and museum. This course will be of considerable interest to students studying science and related disciplines, as well as those wishing to pursue further study in Neuroscience at senior levels.

#### Textbooks

Bear, MF, Connors, BW, Paradiso, MA. Neuroscience: Exploring the Brain. 3rd edition. Williams and Wilkins. 2006.  
Also recommended: Nolte J, Angevine JJB. The Human Brain in Photographs and Diagrams. Mosby/Elsevier. 2007.

### ANAT3004

#### Cranial and Cervical Anatomy

**Credit points:** 6 **Teacher/Coordinator:** Dr Robin Arnold **Session:** Semester 2 **Classes:** One 1-hour lecture and two 2-hour tutorials per week. **Prerequisites:** ANAT2009 or ANAT2010 or BMED2803 or BMED2804 or BMED2805 or BMED2806 **Prohibitions:** ANAT3904 **Assumed knowledge:** General knowledge of biology. **Assessment:** Theory exam, prac exam, continuous assessment

*Note: The completion of 6 credit points of MBLG is highly recommended.*

This unit of study covers skull, muscles of facial expression, muscles of jaw and neck, ear, eye, nose, oral cavity and larynx and pharynx as well as peripheral distribution of cranial nerves in the head and neck. The functional components of the cranial nerves and their relationship to the special senses and special motor functions such as facial gesture and speech are also studied. Tutorials are designed to encourage students to develop their own approach to the understanding and organisation of subject material. Communication of key concepts and presentation of subject material in an academic context are encouraged and assessed in a major assignment.

#### Textbooks

Rohan, Yokochi, Lutjen-drecoll. Color Atlas of Human Anatomy.

### ANAT3904

#### Cranial & Cervical Anatomy (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Robin Arnold, Dr Laura Lindsay **Session:** Semester 2 **Classes:** Two lectures per week, one 1-hour tutorial per week **Prerequisites:** For Medical Science: Credit in BMED(2803 or 2804 or 2805 or 2806). For BSc and other students Credit in ANAT(3007 or 2010 or 2009). **Prohibitions:** ANAT3004 **Assessment:** Theory exam, practical spot test, participation in dissection practicals and production of detailed weekly reports of the dissection carried out that week **Practical field work:** One 3-hour dissection per week

*Note: Department permission required for enrolment. Note: Students must receive permission from the coordinators for enrolment. Course is subject to availability of donor material for dissection.*

This unit of study is an alternative to ANAT3004 Cranial & Cervical for talented students with a special interest in and need for dissection experience. The lecture/tutorial component of the course is run in conjunction with ANAT3004. Students in the advanced course will study the anatomy of the skull, muscles of face, jaw and neck, eye, ear, nose oral cavity, larynx and pharynx as well as the peripheral distribution of cranial nerves in the neck. Dissection will allow students to find these structures in donated human cadavers for themselves and to study and to understand at least some of the many anomalies and variations which characterise human cranial and cervical anatomy.

#### Textbooks

An Anatomy atlas such as Rohan, Yokochi, Lutjen-Drecoll. Colour Atlas of Human Anatomy.

### ANAT3006

#### Forensic Osteology

**Credit points:** 6 **Teacher/Coordinator:** Dr Denise Donlon **Session:** Semester 1 **Classes:** Two 1-hour lectures, one 2-hour tutorial and one 1-hour practical per week **Prerequisites:** ANAT2008 and a credit in ANAT2009 or in ANAT2002 **Assumed knowledge:** An understanding of basic musculoskeletal anatomy. **Assessment:** One 1.5-hour theory exam, one 30 min. prac exam, continuous assessment, case study

*Note: The completion of 6 credit points of MBLG is highly recommended.*

This unit of study aims to introduce students to the area of forensic osteology, which is the study of human skeletal remains within the legal context. Thus the unit of study aims to help students learn about human morphology and variation through the investigation and identification of human bones. It will also help students gain skills in observation and rigorous record taking and in analysis and

interpretation. Production of case reports and practice in acting as 'expert witness' will improve students written and oral skills. An additional objective will be to assist students in learning to deal with legal and ethical issues.

#### Textbooks

Bass, W. Human Osteology: a Laboratory and Field Manual 5th edition. Missouri Archaeological Society Columbia. 2005.

### ANAT3007

#### Visceral Anatomy

**Credit points:** 6 **Teacher/Coordinator:** Dr Robin Arnold **Session:** Semester 1 **Classes:** Two 1-hour lectures and two 2-hour practicals per week. **Prerequisites:** ANAT2009 or ANAT2010 **Assumed knowledge:** General knowledge of biology. **Assessment:** Theory exam, prac exam, continuous assessment

This unit of study aims to provide an understanding of the anatomy of the viscera of the thorax, abdomen and pelvis. Structures covered include the heart and associated great vessels, lungs, mediastinum and the abdominal viscera, the alimentary organs and the genitourinary system. The structure of anterior thoracic and abdominal walls and pelvis along with the nerve supply to the viscera and relevant endocrine structures is also covered. Emphasis is placed on the relationship of structure to function especially with respect to the important functions of breathing, digestion, excretion and reproduction. Students will also be encouraged to relate their understanding of the structures studied to current research into these structures in related fields such as molecular biology and physiology.

#### Textbooks

Rohan, Yokochi and Lutjen-drecoll. Color Atlas of Human Anatomy.

### ANAT3008

#### Musculoskeletal Anatomy

**Credit points:** 6 **Teacher/Coordinator:** Dr Richard Ward **Session:** Semester 2 **Classes:** Two 1-hour lectures, two 2-hour tutorials/practicals per week. **Prerequisites:** ANAT2009 or ANAT2002 (for students who completed Intermediate study before 2005) or BMED2803 or BMED2804 or BMED2805 or BMED2806 **Prohibitions:** ANAT3005 **Assumed knowledge:** Some knowledge of basic mammalian biology **Assessment:** One assignment, one 1-hour prac exam, one 1.5-hour theory exam.

The unit provides an opportunity for students to study the topographical and systems anatomy of the upper limb, lower limb and the back regions. Emphasis is placed upon the identification and description of structures and the correlation of structure with function. This includes for the upper limb, its role in manipulation, for the lower limb standing and walking and for the back flexible support and protection. Emphasis is also given to the innervation of the limbs. The unit also aims to develop the general skills of observation, description, drawing, writing and discussion as applying to biological structure.

### EMHU3001

#### Electron Microscopy and Imaging/Theory

**Credit points:** 6 **Teacher/Coordinator:** Dr Anne Swan, Dr Alan Jones **Session:** Semester 2 **Classes:** Four 1-hour lectures and one 1-hour tutorial per week **Prerequisites:** At least 12 cp of Intermediate Science units from any of the following: Anatomy & Histology, Biochemistry, Biology, Chemistry, Mathematics, Microbiology, Molecular Biology & Genetics, Pharmacology, Physics, Physiology or Statistics. For BMedSc students: 42 cp of BMed Intermediate units including (2801, 2802, 2803 & 2806) **Assumed knowledge:** General concepts in Biology, and in Biochemistry or in Chemistry. **Assessment:** Two 1-hour exams, theoretical research assignment as a PowerPoint (TM) submission and protocol.

The course is run conjointly by the Department of Anatomy and Histology and the Electron Microscope Unit. The course will focus on the theoretical aspects of transmission and scanning electron microscopy, the preparation of biological samples for electron microscopy, digital imaging, and freeze-fracture. Immunological and other techniques required in modern research and hospital electron microscope laboratories will also be covered. Students will also receive theoretical training in laser scanning confocal microscopy including the use of fluorescent probes to visualize cellular organelles and cellular processes. Students will undertake a theoretical research project of their choice which is of relevance to the course.

#### Textbooks

Bozzola, JJ, Russell LD. Electron Microscopy. 2nd edition. Jones and Bartlett Publishers. 1999.

Reference book: Russ, John C. The Image Processing Handbook. 3rd edition. CRC Press. 1998.

### EMHU3002

#### Electron Microscopy and Imaging/Prac

**Credit points:** 6 **Teacher/Coordinator:** Dr Anne Swan, Dr Alan Jones **Session:** Semester 2 **Classes:** Two 2-hour practicals and one 1-hour tutorial per week. **Prerequisites:** 12 cp of Intermediate Science units of study including ANAT2008. For BMedSci: 42 credit points of BMed Intermediate units including BMed (2801, 2802, 2803 & 2806) **Corequisites:** EMHU3001 **Assumed knowledge:** General concepts in Biology, Histology and in Biochemistry or in Chemistry. **Assessment:** Two 1-hour exams, practical reports, practical project assignment by PowerPoint (TM) submission and presentation (10 min).

The course is run conjointly by the Department of Anatomy & Histology and the Electron Microscope Unit. The course will provide hands-on training in the operation of transmission and scanning electron microscopes, processing biological samples for electron microscopy, ultrathin sectioning, cryo-ultramicrotomy, freeze-fracture, electron diffraction, digital imaging, immunological and other techniques required in modern research and hospital electron microscope laboratories. Students will also learn the operation of laser scanning confocal microscopes, including the use of fluorescent probes to visualise cellular organelles and cellular processes. Students will apply their knowledge to complete a project of their choice on electron microscopy of a biological sample, from fixation of the sample to interpretation of the resulting electron micrographs.

#### Textbooks

Bozzola, JJ and Russell, LD. Electron Microscopy. 2nd edition. Jones and Bartlett Publishers. 1999.

### HSTO3001

#### Microscopy & Histochemistry Theory

**Credit points:** 6 **Teacher/Coordinator:** Robin Arnold, Prof Chris Murphy **Session:** Semester 1 **Classes:** Usually four 1-hour lectures per week plus some tutorials **Prerequisites:** ANAT2008 or (BMED 2803 or 2804 or 2805 or 2806) **Corequisites:** HSTO3002 **Assumed knowledge:** Basic understanding of biology. **Assessment:** One 2-hour theory exam.

The aims of this unit of study are to provide a theoretical understanding of why biological tissues need to be specifically prepared for microscopic examination, how differing methods yield different types of morphological information; to allow students to study the theory of different types & modalities of microscopes, how they function & the differing information they provide; to develop an understanding of the theory of why biological material needs to be stained for microscopic examination; to allow students to understand how biological material becomes stained; to develop an understanding of the chemical information provided by biological staining - dyes, enzymes & antibodies.

#### Textbooks

Keirnan, J.A. Histological & Histochemical Methods. 4th edition. Scion. 2008.

### HSTO3002

#### Microscopy & Histochemistry Practical

**Credit points:** 6 **Teacher/Coordinator:** Robin Arnold, Prof Chris Murphy **Session:** Semester 1 **Classes:** Usually 5.5-hour practical per week **Prerequisites:** ANAT2008 or (BMED 2803 or 2804 or 2805 or 2806) **Corequisites:** HSTO3001 **Assumed knowledge:** Basic understanding of biology. **Assessment:** One 1.5-hour practical exam, 1 practical report, essay.

The aims of this unit of study are to provide a practical understanding of why biological tissues need to be specifically prepared for microscopic examination, to apply different methods to gain different types of morphological information; to allow students to learn to use the different types & modalities of microscopes: to gain first hand experience of how they function & see for themselves the differing information they provide; to learn to stain biological material for microscopic examination; applying their theoretical knowledge & to allow students to develop practical skills in diverse histochemical staining procedures - dyes, enzymes and antibodies.

#### Textbooks

Keirnan, JA. Histological & Histochemical Methods. 4th edition. Scion. 2008.

**HSTO3003****Cells and Development: Theory**

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Frank Lovicu **Session:** Semester 2 **Classes:** Four 1-hour theory lectures and one 1-hour tutorial per week **Prerequisites:** For BSc students: ANAT2008 For BMedSc students: 42 credit points of Intermediate BMED units, including: BMED2801, 2802, 2805. **Assumed knowledge:** (i) An understanding of the basic structure of vertebrates; (ii) An understanding of elementary biochemistry and genetics. **Assessment:** One 2-hour exam, tutorial research papers

The main emphasis of this unit of study concerns the mechanisms that control animal development. Fertilisation, cleavage, gastrulation and the formation of the primary germ layers are described in a range of animals, mainly vertebrates. Much of the emphasis will be placed on the parts played by inductive cell and tissue interactions in cell and tissue differentiation, morphogenesis and pattern formation. This will be studied at both cellular and molecular levels. Note that for some weeks of the course, specialised lectures will be given at the Westmead campus.

*Textbooks*

Gilbert, SF. Developmental Biology. 8th edition. Sinauer Associates Inc. 2006.

**HSTO3004****Cells and Development: Practical (Adv)**

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Frank Lovicu **Session:** Semester 2 **Classes:** One 1-hour tutorial and two 2-hour practicals per week **Prerequisites:** Note: This advanced unit of study is only available to select students who have achieved a mark of 65 or above in the following prerequisite units of study. For BSc students: ANAT2008. For BMedSc students: 42 credit points of Intermediate BMED units, including: BMED2801, 2802, 2805. **Corequisites:** HSTO3003 **Assessment:** One 1-hour exam, Practical class reports.

This advanced unit of study complements HSTO3003 (Cells and Development:Theory) and is catered to provide students with laboratory research experience leading to Honours and higher degrees. It will primarily cover the design and application of experimental procedures involved in cell and developmental biology, using appropriate molecular and cellular techniques to answer developmental questions raised in HSTO3003. This unit of study will promote hands on experience with different animal models, allowing students to observe and examine developing and differentiating tissues at the macroscopic and microscopic level. The main emphasis of this unit of study will concentrate on practical approaches to understanding the mechanisms that control animal development. Fertilization, cleavage, gastrulation and the formation of the primary germ layers are covered. The parts played by inductive cell and tissue interactions in differentiation, morphogenesis and pattern formation are examined at cellular and molecular levels. Note that for some weeks of the course, specialised practical classes will be carried out at the Westmead campus.

*Textbooks*

Gilbert SF. Developmental Biology. 8th edition. Sinauer Associates Inc. 2006.

**NEUR3002****Neuroscience: Motor Systems & Behaviour**

**Credit points:** 6 **Teacher/Coordinator:** Dr Vladimir Balcar **Session:** Semester 1 **Classes:** Two 1-hour lectures per week, one 3-hour practical and one 3-hour tutorial per fortnight. **Prerequisites:** For BMedSc students: BMED2801 and BMED2806 For other students: (PHSI(2101 or 2001 or 2901 or 2005 or 2905) or ANAT(2003 or 2010)) and 6 credit points of MBLG. **Prohibitions:** PHSI3001, NEUR3902 **Assumed knowledge:** It is strongly recommended that students also take unit NEUR3001. ANAT2010 and PHSI2005 is assumed knowledge. **Assessment:** Two 1-hour exams, neuroanatomy practical test, prac report, paper discussion sessions, library essay.

The aim of this course is to provide students with an introduction to the structure and function of the nervous system. Our current knowledge of how the brain works is based on the analysis of the normal structure of the nervous system and its pathways, the functional effects of lesions and neurological diseases in different parts of the nervous system, and the way that nerve cells work at the molecular, cellular and integrative level. This course focuses on to the neural circuits and the mechanisms that control somatic and autonomic motor systems, motivated behaviours, emotions, and other higher order functions. The lecture series addresses the different topics, each of

which offers special insight into the function of the nervous system in health and disease.

*Textbooks*

Kandel, Schwartz, Jessel. Principles of Neural Science. 4th edition. Elsevier. 2000. or Bear, Connors, Paradiso. Neuroscience: Exploring the Brain. Williams & Wilkins. 2001.  
Nolte. The Human Brain. 4th edition, C.V. Mosby Co. 1999.

**NEUR3902****Neuroscience: Motor Systems & Behav. Adv**

**Credit points:** 6 **Teacher/Coordinator:** Dr Vladimir Balcar **Session:** Semester 1 **Classes:** Two 1-hour lectures per week, one 3-hour practical and one 3-hour tutorial per fortnight. Advanced students may be exempt from attending some of these classes to permit meetings with supervisor. **Prerequisites:** For BMedSc students: Credit average in BMED2801 and BMED2806 For other students: Credit average in (PHSI(2101 or 2001 or 2901 or 2005 or 2905) or ANAT(2003 or 2010)) and 6 credit points of MBLG. **Prohibitions:** NEUR3002, PHSI3001 **Assumed knowledge:** ANAT2010 and PHSI2005 is assumed knowledge. **Assessment:** Two 1-hour exams, neuroanatomy practical test, prac report, paper discussion sessions, one research or review essay (research essay will replace some other assessment items from regular course).

*Note: Permission from the coordinators is required for entry into this course. It is strongly recommended that students also take unit NEUR3001 or NEUR3901.*

This unit of study is an extension of NEUR3002 for talented students with an interest in Neuroscience and research in this field. The lecture/practical component of the course is run in conjunction with NEUR3002. The aim of this course is to provide students with an introduction to the structure and function of the nervous system. Our current knowledge of how the brain works is based on the analysis of the normal structure of the nervous system and its pathways, the functional effects of lesions and neurological diseases in different parts of the nervous system, and the way that nerve cells work at the molecular, cellular and integrative level. This course focuses on to the neural circuits and the mechanisms that control somatic and autonomic motor systems, motivated behaviours, emotions, and other higher order functions. The lecture series addresses the different topics, each of which offers special insight into the function of the nervous system in health and disease.

*Textbooks*

Kandel, Schwartz, Jessel. Principles of Neural Science. 4th edition. Elsevier. 2000. or Bear, Connors, Paradiso. Neuroscience: Exploring the Brain. Williams & Wilkins. 2001.  
Nolte. The Human Brain. 4th edition. C.V. Mosby Co. 1999.

**NEUR3004****Integrative Neuroscience**

**Credit points:** 6 **Teacher/Coordinator:** Dr Kevin Keay, Dr Catherine Leamey **Session:** Semester 2 **Classes:** One 0-1 hour lecture, one 2-hour tutorial plus 1-2 hours small meeting/laboratory session per week. **Prerequisites:** For BMedSci: 42 credit points of intermediate BMed units. For others: 18 credit points of Intermediate science units of study from Anatomy & Histology, Biochemistry, Biology, Chemistry, Computer Science, Mathematics, Microbiology, Molecular Biology and Genetics, Physiology, Psychology or Statistics. **Prohibitions:** NEUR3904, PHSI3002, PHSI3902 **Assumed knowledge:** Students should be familiar with the material in Bear, Connors & Paradiso Neuroscience: Exploring the Brain. **Assessment:** Mid-semester exam. 1-hour final exam. Major essay/report. Tutorial participation.

*Note: Enrolment in NEUR3003 is HIGHLY RECOMMENDED. Courses are designed to be taken in conjunction with each other.*

This second semester unit is designed to introduce students to "cutting edge" issues in the neurosciences and to be taken in conjunction with NEUR3003. This course is a combination of small group lectures on current issues in neuroscience, seminar groups and a research-based library project. Suitably qualified students may have the option of replacing the library project with a laboratory project. Seminars will be held on topics including imaging pain, emotions, cortical development & plasticity, colour vision, stroke and hypertension, long-term regulation of blood pressure, auditory hallucinations and the "cocktail party effect".

*Textbooks*

Kandell, Schwartz and Jessell. Principles of Neural Science. 4th edition.

**NEUR3904****Integrative Neuroscience (Advanced)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Kevin Keay, Dr Catherine Leamey  
**Session:** Semester 2 **Classes:** One 1-hour lecture, one 2-hour tutorial and 1-2 hour small meeting/laboratory per week. **Prerequisites:** For BMedSCI: 42 credit points of intermediate BMed units. For others: 18 credit points of Intermediate science units of study from Anatomy & Histology, Biochemistry, Biology, Chemistry, Computer Science, Mathematics, Microbiology, Molecular Biology and Genetics, Physiology, Psychology or Statistics. Plus, students must have a CREDIT (or better) in NEUR3001/3901 and NEUR3002/3902. **Prohibitions:** NEUR3004, PHSI3002, PHSI3902 **Assumed knowledge:** Students should be familiar with the material in Bear, Connors & Paradiso Neuroscience: Exploring the Brain. **Assessment:** Mid-semester exam. 1-hour final exam. Major essay/report. Tutorial participation. Mini lecture

*Note: Department permission required for enrolment. Note: Enrolment in NEUR3003/3903 is HIGHLY RECOMMENDED. Courses are designed to be taken in conjunction with each other. Students must receive permission from the coordinators for enrolment.*

This unit encompasses the material taught in NEUR3004. Advanced students perform a research project and present a mini-lecture on a current topic in neuroscience research.

*Textbooks*

Kandell, Schwartz and Jessell. Principles of Neural Science. 4th edition.

For other NEUR units of study, see the entry under the School of Physiology.

**Anatomy and Histology Honours and Graduate Diploma**

Taking an Honours or Graduate Diploma provides the opportunity for students to do research on a project supervised by a member of staff. Assessment is based on a thesis summarising the results of the year's research, along with additional studies. To qualify for admission to Honours or the Graduate Diploma the student must obtain an appropriate standard in Senior Anatomy or Histology or Neuroscience.

**Anatomy and Histology Higher Degrees**

The award courses of Master of Science and Doctor of Philosophy by research are offered in the Faculty of Science by the Discipline of Anatomy and Histology.

**Biochemistry**

The discipline teaches Biochemistry and Molecular Biology to Science and Medical Science students at the Junior, Intermediate and Senior levels. This discipline area includes the fundamental principles governing the structure, function and interactions of biological molecules, the nature of genetic material and control of its expression and leads to an understanding of the molecular nature of living systems.

**Junior program**

The junior program has the introductory faculty unit of study Molecular Biology and Genetics Intro (MBLG1001).

**Intermediate program**

The comprehensive Intermediate program in Biochemistry and Molecular Biology includes Protein Biochemistry (BCHM2071/2971), Human Biochemistry (BCHM2072/2972) and the faculty unit of study Molecular Biology and Genetics A (MBLG2071/2971). Students wishing to progress to the Senior units of study in Biochemistry and Molecular Biology need to have completed MBLG1001 and 12 CP of Intermediate BCHM/MBLG units of study.

**Senior program**

The Senior program consists of Molecular Biology and Biochemistry - Genes (BCHM3071/3971), Molecular Biology and Biochemistry - Protein (BCHM3081/3981), Human Molecular Cell Biology (BCHM3072/3972), Medical and Metabolic Biochemistry, (BCHM3082/3982), Proteomics and Functional Genomics (BCHM3092/3992). Any four of these units of study constitute a major in Biochemistry. Students seeking further information should consult

the relevant Tables in earlier Undergraduate Enrolment Advice chapters.

**BCHM2071****Protein Biochemistry**

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Charles Collyer **Session:** Semester 1 **Classes:** Two 2-hour lectures per week, one 1-hour tutorial and one 4-hour practical per fortnight. **Prerequisites:** 12 credit points of Junior Chemistry and MBLG (1001 or 1901) **Corequisites:** Recommended concurrent units of study: MBLG2071 and BCHM2072 for progression to Senior Biochemistry. **Prohibitions:** BCHM2011, BCHM2971 **Assumed knowledge:** CHEM (1101 and 1102) **Assessment:** One 2-hour theory and theory of practical exam, 2 prac reports.

This unit of study introduces biochemistry by describing the physical and chemical activities of proteins and their functions in cells. The details of protein interactions with other cellular components are presented and the relationship of protein structure and function is discussed. Techniques in protein chemistry and analysis, including proteomics are introduced together with key experiments which reveal the physical basis of the functioning of proteins. This course builds on the protein science presented in MBLG1001 and is ideally suited to students studying intermediate Chemistry together with Biochemistry. The practical course will nurture technical skills in biochemistry and will include protein preparation, the analysis of protein structure and enzymatic assays.

*Textbooks*

Lehninger Principles of Biochemistry, 5th edition, by Nelson and Cox Resources Manual for Biochemistry 2 Practical Sessions, Sem 1.

**BCHM2971****Protein Biochemistry (Advanced)**

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Charles Collyer **Session:** Semester 1 **Classes:** Two 1-hour lectures per week, one 1-hour tutorial and one 4-hour practical per fortnight. **Prerequisites:** 12 credit points of Junior Chemistry and Distinction in MBLG1001 or MBLG1901 **Prohibitions:** BCHM2011, BCHM2071 **Assessment:** One 2-hour theory and theory of practical exam, online quizzes, practical assignments and laboratory book reports.

This advanced unit of study introduces biochemistry by describing the physical and chemical activities of proteins and their functions in cells. The details of protein interactions with other cellular components are presented and the relationship of protein structure and function is discussed. Techniques in protein chemistry and analysis, including proteomics are discussed together with key experiments which reveal the physical basis of the functioning of proteins. This course builds on the protein science presented in MBLG1001 and is ideally suited to students studying Intermediate Chemistry together with Biochemistry. The advanced practical course will nurture technical skills in protein biochemistry and will include protein preparation, the interpretation of protein structure, enzymatic assays and biochemical analysis.

*Textbooks*

Lehninger Principles of Biochemistry, 5th edition, by Nelson and Cox Resources Manual for Biochemistry 2 Practical Sessions, Sem 1

**BCHM2072****Human Biochemistry**

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Gareth Denyer **Session:** Semester 2 **Classes:** Two lectures per week, one tutorial per fortnight, and one 4-hour practical per fortnight **Prerequisites:** Either MBLG (1001 or 1901) and 12 credit points of Junior Chemistry or either MBLG2071 or MBLG2971 **Prohibitions:** BCHM2972, BCHM2002, BCHM2102, BCHM2902, BCHM2112 **Assessment:** One 3-hour exam, practical reports

This unit of study aims to describe how cells work at the molecular level, with special emphasis on human biochemistry. The chemical reactions which occur inside cells are described in the first series of lectures, Cellular Metabolism. Aspects of the molecular architecture of cells which enable them to transduce messages and communicate are described in the second half of the unit of study. At every stage there is emphasis on the 'whole body' consequences of reactions, pathways and processes. Cellular Metabolism describes how cells extract energy from fuel molecules like fatty acids and carbohydrates, how the body controls the rate of fuel utilisation and how the mix of

fuels is regulated (especially under different physiological circumstances such as starvation and exercise). The metabolic inter-relationships of the muscle, brain, adipose tissue and liver and the role of hormones in coordinating tissue metabolic relationships is discussed. The unit also discusses how the body lays down and stores vital fuel reserves such as fat and glycogen, how hormones modulate fuel partitioning between tissues and the strategies involved in digestion and absorption and transport of nutrients. Signal Transduction covers how communication across membranes occurs (i.e. via surface receptors and signaling cascades). This allows detailed molecular discussion of the mechanism of hormone action and intracellular process targeting. The practical component complements the lectures by exposing students to experiments which investigate the measurement of glucose utilisation using radioactive tracers and the design of biochemical assay systems. During the unit of study, generic skills are nurtured by frequent use of computers and problem solving activities. However student exposure to generic skills will be extended by the introduction of exercises designed to teach oral communication, instruction writing and feedback articulation skills.

### BCHM2972

#### Human Biochemistry (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Gareth Denyer **Session:** Semester 2 **Classes:** Two lectures per week, one tutorial per fortnight, and one 4-hour practical per fortnight **Prerequisites:** Distinction in one of (BCHM (2071 or 2971) or MBLG(2071 or 2971)) or (Distinction in MBLG (1001 or 1901) and Distinction average in all other Junior Science Units of Study undertaken). **Prohibitions:** BCHM2072, BCHM2002, BCHM2102, BCHM2902, BCHM2112 **Assessment:** One 3-hour exam, practical reports

This advanced unit aims to describe how cells work at the molecular level, with special emphasis on human biochemistry. The chemical reactions which occur inside cells are described in the first series of lectures, Cellular Metabolism. Aspects of the molecular architecture of cells which enable them to transduce messages and communicate are described in the second half of the unit of study. At every stage there is emphasis on the 'whole body' consequences of reactions, pathways and processes. Cellular Metabolism describes how cells extract energy from fuel molecules like fatty acids and carbohydrates, how the body controls the rate of fuel utilization and how the mix of fuels is regulated (especially under different physiological circumstances such as starvation and exercise). The metabolic inter-relationships of the muscle, brain, adipose tissue and liver and the role of hormones in coordinating tissue metabolic relationships is discussed. The unit also discusses how the body lays down and stores vital fuel reserves such as fat and glycogen, how hormones modulate fuel partitioning between tissues and the strategies involved in digestion and absorption and transport of nutrients. Signal Transduction covers how communication across membranes occurs (i.e., via surface receptors and signaling cascades). This allows detailed molecular discussion of the mechanism of hormone action and intracellular process targeting. The practical component complements the lectures by exposing students to experiments which investigate the measurement of glucose utilisation using radioactive tracers and the design of biochemical assay systems. During the unit of study, generic skills are nurtured by frequent use of computers and problem solving activities. However, student exposure to generic skills will be extended by the introduction of exercise designed to teach oral communication, instruction writing and feedback articulation skills.

### BCHM3071

#### Molecular Biology & Biochemistry- Genes

**Credit points:** 6 **Teacher/Coordinator:** Mrs Jill Johnston, Prof Merlin Crossley. **Session:** Semester 1 **Classes:** Two 1-hour lectures per week and one 6-hour practical per fortnight. **Prerequisites:** MBLG (1001 or 1901) and 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, including BMED2802 and BMED2804. **Prohibitions:** BCHM3971, BCHM3001, BCHM3901 **Assessment:** One 2.5-hour exam, practical work.

This unit of study is designed to provide a comprehensive coverage of the activity of genes in living organisms, with a focus on eukaryotic and particularly human systems. The lecture component covers the arrangement and structure of genes, how genes are expressed,

promoter activity and enhancer action. This leads into discussions on the biochemical basis of differentiation of eukaryotic cells, the molecular basis of imprinting, epigenetics, and the role of RNA in gene expression. Additionally, the course discusses the effects of damage to the genome and mechanisms of DNA repair. The modern techniques for manipulating and analysing macromolecules such as DNA and proteins and their relevance to medical and biotechnological applications are discussed. Techniques such as the generation of gene knockout and transgenic mice are discussed as well as genomic methods of analysing gene expression patterns. Particular emphasis is placed on how modern molecular biology and biochemical methods have led to our current understanding of the structure and functions of genes within the human genome. The practical course is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in molecular biology laboratories.

#### Textbooks

Lewin, B. Genes IX. 9th edition. Jones & Bartlett. 2008.

### BCHM3971

#### Molecular Biology & Biochem- Genes (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Mrs Jill Johnston, Prof Merlin Crossley **Session:** Semester 1 **Classes:** Two 1-hour lectures per week and one 6-hour practical per fortnight. **Prerequisites:** MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. **Prohibitions:** BCHM3071, BCHM3001, BCHM3901 **Assessment:** One 2.5-hour exam, practical work.

This unit of study is designed to provide a comprehensive coverage of the activity of genes in living organisms, with a focus on eukaryotic and particularly human systems. The lecture component covers the arrangement and structure of genes, how genes are expressed, promoter activity and enhancer action. This leads into discussions on the biochemical basis of differentiation of eukaryotic cells, the molecular basis of imprinting, epigenetics, and the role of RNA in gene expression. Additionally, the course discusses the effects of damage to the genome and mechanisms of DNA repair. The modern techniques for manipulating and analysing macromolecules such as DNA and proteins and their relevance to medical and biotechnological applications are discussed. Techniques such as the generation of gene knockout and transgenic mice are discussed as well as genomic methods of analysing gene expression patterns. Particular emphasis is placed on how modern molecular biology and biochemical methods have led to our current understanding of the structure and functions of genes within the human genome. The practical course is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in molecular biology laboratories.

The lecture component of this unit of study is the same as BCHM3071. Qualified students will attend seminars/practical classes in which more sophisticated topics in gene expression and manipulation will be covered.

#### Textbooks

Lewin, B. Genes IX. 9th edition. Jones & Bartlett. 2008.

### BCHM3081

#### Mol Biology & Biochemistry- Proteins

**Credit points:** 6 **Teacher/Coordinator:** Mrs Jill Johnston, A/Prof Joel Mackay **Session:** Semester 1 **Classes:** Two 2 hour lectures week and one 6 hour practical per fortnight. **Prerequisites:** MBLG (1001 or 1901) and 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, including BMED2802 and BMED2804. **Prohibitions:** BCHM3981, BCHM3001, BCHM3901 **Assessment:** One 2.5 hour exam, practical work.

This unit of study is designed to provide a comprehensive coverage of the functions of proteins in living organisms, with a focus on eukaryotic and particularly human systems. Its lecture component deals with how proteins adopt their biologically active forms, including discussions of protein structure, protein folding and how recombinant DNA technology can be used to design novel proteins with potential medical or biotechnology applications. Particular emphasis is placed on how modern molecular biology and biochemical methods have led

to our current understanding of the structure and functions of proteins. It also covers physiologically and medically important aspects of proteins in living systems, including the roles of chaperones in protein folding inside cells, the pathological consequences of misfolding of proteins, how proteins are sorted to different cellular compartments and how the biological activities of proteins can be controlled by regulated protein degradation. The practical course is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in molecular biology and protein biochemistry laboratories.

#### Textbooks

Branden C & Tooze J. Introduction to Protein Structure. 2nd edition. Garland. 1999.

Nelson, D L & Cox, M M. Lehninger Principles of Biochemistry. 5th edition. Freeman. 2008.

### BCHM3981

#### Mol Biology & Biochemistry- Proteins Adv

**Credit points:** 6 **Teacher/Coordinator:** Mrs Jill Johnston, A/Prof Joel Mackay  
**Session:** Semester 1 **Classes:** Two 1-hour lectures per week and one 6-hour practical per fortnight. **Prerequisites:** MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. **Prohibitions:** BCHM3081, BCHM3001, BCHM3901 **Assessment:** One 2.5-hour exam, practical work.

This unit of study is designed to provide a comprehensive coverage of the functions of proteins in living organisms, with a focus on eukaryotic and particularly human systems. Its lecture component deals with how proteins adopt their biologically active forms, including discussions of protein structure, protein folding and how recombinant DNA technology can be used to design novel proteins with potential medical or biotechnology applications. Particular emphasis is placed on how modern molecular biology and biochemical methods have led to our current understanding of the structure and functions of proteins. It also covers physiologically and medically important aspects of proteins in living systems, including the roles of chaperones in protein folding inside cells, the pathological consequences of misfolding of proteins, how proteins are sorted to different cellular compartments and how the biological activities of proteins can be controlled by regulated protein degradation. The practical course is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in molecular biology and protein biochemistry laboratories.

The lecture component of this unit of study is the same as BCHM3081. Qualified students will attend seminars/practical classes in which more sophisticated topics in protein biochemistry will be covered.

#### Textbooks

Branden, C & Tooze, J. Introduction to Protein Structure. 2nd edition. Garland. 1999.

Nelson, D L & Cox, M M. Lehninger Principles of Biochemistry. 5th edition. Freeman. 2008.

### BCHM3072

#### Human Molecular Cell Biology

**Credit points:** 6 **Teacher/Coordinator:** Mrs Jill Johnston, Prof Iain Campbell  
**Session:** Semester 2 **Classes:** Two 1-hour lectures per week and one 6-hour practical per fortnight. **Prerequisites:** (MBLG (1001 or 1901) and 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/MBLG2971 or BCHM2071/2971 or BCHM2072/2972)) or (42CP of Intermediate BMedSc units, including BMED2802 and BMED2804) **Prohibitions:** BCHM3972, BCHM3002, BCHM3902, BCHM3004, BCHM3904 **Assessment:** One 2.5-hour exam, practical work.

*Note: BExSci/BSc(Nutrition) students successfully progressing through the combined degree meet the pre-requisites for this unit of study*

This unit of study will explore the responses of cells to changes in their environment in both health and disease. The lecture course consists of four integrated modules. The first will provide an overview of the role of signalling mechanisms in the control of human cell biology and then focus on cell surface receptors and the downstream signal transduction events that they initiate. The second will examine how cells detect and respond to pathogenic molecular patterns displayed by infectious agents and injured cells by discussing the roles of relevant cell surface receptors, cytokines and signal transduction

pathways. The third and fourth will focus on the life, death and differentiation of human cells in response to intra-cellular and extra-cellular signals by discussing the eukaryotic cell cycle under normal and pathological circumstances and programmed cell death in response to abnormal extra-cellular and intra-cellular signals. In all modules emphasis will be placed on the molecular processes involved in human cell biology, how modern molecular and cell biology methods have led to our current understanding of them and the implications of them for pathologies such as cancer. The practical component is designed to complement the lecture course, providing students with experience in a wide range of techniques used in modern molecular cell biology.

#### Textbooks

Alberts, B. et al. Molecular Biology of the Cell. 5th edition. Garland Science. 2008.

### BCHM3972

#### Human Molecular Cell Biology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Mrs Jill Johnston, Prof Iain Campbell  
**Session:** Semester 2 **Classes:** Two 1-hour lectures per week and one 6-hour practical per fortnight. **Prerequisites:** MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/MBLG2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. **Corequisites:** MBLG3999 **Prohibitions:** BCHM3072, BCHM3002, BCHM3004, BCHM3902, BCHM3904 **Assessment:** One 2.5-hour exam, practical work.

This unit of study will explore the responses of cells to changes in their environment in both health and disease. The lecture course consists of four integrated modules. The first will provide an overview of the role of signalling mechanisms in the control of human cell biology and then focus on cell surface receptors and the downstream signal transduction events that they initiate. The second will examine how cells detect and respond to pathogenic molecular patterns displayed by infectious agents and injured cells by discussing the roles of relevant cell surface receptors, cytokines and signal transduction pathways. The third and fourth will focus on the life, death and differentiation of human cells in response to intra-cellular and extra-cellular signals by discussing the eukaryotic cell cycle under normal and pathological circumstances and programmed cell death in response to abnormal extra-cellular and intra-cellular signals. In all modules emphasis will be placed on the molecular processes involved in human cell biology, how modern molecular and cell biology methods have led to our current understanding of them and the implications of them for pathologies such as cancer. The practical component is designed to complement the lecture course, providing students with experience in a wide range of techniques used in modern molecular cell biology.

The lecture component of this unit of study is the same as BCHM3072. Qualified students will attend seminars/practical classes in which more sophisticated topics in modern molecular cell biology will be covered.

#### Textbooks

Alberts, B. et al. Molecular Biology of the Cell. 5th edition. Garland Science. 2008.

### BCHM3082

#### Medical and Metabolic Biochemistry

**Credit points:** 6 **Teacher/Coordinator:** Mrs Jill Johnston, Prof Philip Kuchel  
**Session:** Semester 2 **Classes:** Two 1-hour lectures per week and one 6-hour practical per fortnight. **Prerequisites:** MBLG (1001 or 1901) and 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, including BMED2802 and BMED2804. **Prohibitions:** BCHM3982, BCHM3002, BCHM3004, BCHM3902, BCHM3904 **Assessment:** One 2.5-hour exam, practical work.

*Note: BExSci/BSc(Nutrition) students successfully progressing through the combined degree meet the pre-requisites for this unit of study*

This unit of study will explore the biochemical processes involved in the operation of cells and how they are integrated in tissues and in the whole human body in normal and diseased states. These concepts will be illustrated by considering whole-body aspects of energy utilisation, fat and glycogen storage and their regulation under normal conditions compared to obesity and diabetes. Key concepts that will be discussed include energy balance, regulation of metabolic rate,



control of food intake, tissue interactions in fuel selection, the role of adipose tissue and transport of fuel molecules from storage organs and into cells. Particular emphasis will be placed on how the modern concepts of metabolomics, coupled with molecular biology methods and studies of the structure and function of enzymes, have led to our current understanding of how metabolic processes are normally integrated and how they become deranged in disease states. The practical component is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in modern medical and metabolic biochemistry.

#### Textbooks

Nelson, D L & Cox, M M. Lehninger Principles of Biochemistry. 5th edition. Freeman. 2008.

### BCHM3982

#### Medical and Metabolic Biochemistry (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Mrs Jill Johnston, Prof Philip Kuchel  
**Session:** Semester 2 **Classes:** Two 1-hour lectures per week and one 6-hour practical per fortnight. **Prerequisites:** MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. **Prohibitions:** BCHM3082, BCHM3002, BCHM3004, BCHM3902, BCHM3904 **Assessment:** One 2.5-hour exam, practical work.

This unit of study will explore the biochemical processes involved in the operation of cells and how they are integrated in tissues and in the whole human body in normal and diseased states. These concepts will be illustrated by considering whole-body aspects of energy utilisation, fat and glycogen storage and their regulation under normal conditions compared to obesity and diabetes. Key concepts that will be discussed include energy balance, regulation of metabolic rate, control of food intake, tissue interactions in fuel selection, the role of adipose tissue and transport of fuel molecules from storage organs and into cells. Particular emphasis will be placed on how the modern concepts of metabolomics, coupled with new methods, including magnetic resonance techniques and molecular biology methods, as well as studies of the structure and function of enzymes, have led to our current understanding of how metabolic processes are normally integrated and how they become deranged in disease states. The practical component is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in modern medical and metabolic biochemistry.

Qualified students will attend some lectures/practical classes in common with BCHM3082 and some separate lectures/practical classes in which more sophisticated topics in metabolic biochemistry will be covered.

#### Textbooks

Nelson, D L & Cox, M M. Lehninger Principles of Biochemistry. 5th edition. Freeman, 2008.

### BCHM3092

#### Proteomics and Functional Genomics

**Credit points:** 6 **Teacher/Coordinator:** Dr Stuart Cordwell, Mrs Jill Johnston  
**Session:** Semester 2 **Classes:** Two 1-hour lectures per week and one 3-hour practical per week. **Prerequisites:** MBLG (1001 or 1901) and 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, including BMED2802 and BMED2804. **Prohibitions:** BCHM3992, BCHM3098 **Assessment:** One 2.5-hour exam, practical work.

This unit of study will focus on the high throughput methods for the analysis of gene structure and function (genomics) and the analysis of proteins (proteomics), which are at the forefront of discovery in the biomedical sciences. The course will concentrate on the hierarchy of gene-protein-structure-function through an examination of modern technologies built on the concepts of genomics versus molecular biology, and proteomics versus biochemistry. Technologies to be examined include DNA sequencing, nucleic acid and protein microarrays, two-dimensional gel electrophoresis of proteins, uses of mass spectrometry for high throughput protein identification, isotope tagging for quantitative proteomics, high-performance liquid chromatography, high-throughput functional assays, affinity chromatography and modern methods for database analysis. Particular

emphasis will be placed on how these technologies can provide insight into the molecular basis of changes in cellular function under both physiological and pathological conditions as well as how they can be applied to biotechnology for the discovery of biomarkers, diagnostics, and therapeutics. The practical component is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in proteomics and genomics.

#### Textbooks

Liebler, DC. Introduction to Proteomics: Tools for the New Biology. Humana Press. 2002.

### BCHM3992

#### Proteomics and Functional Genomics (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Stuart Cordwell, Mrs Jill Johnston  
**Session:** Semester 2 **Classes:** Two 1-hour lectures per week and one 3-hour practical per fortnight. **Prerequisites:** MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. **Prohibitions:** BCHM3092, BCHM3098 **Assessment:** One 2.5-hour exam, practical work.

This unit of study will focus on the high throughput methods for the analysis of gene structure and function (genomics) and the analysis of proteins (proteomics) which are at the forefront of discovery in the biomedical sciences. The course will concentrate on the hierarchy of gene-protein-structure-function through an examination of modern technologies built on the concepts of genomics versus molecular biology, and proteomics versus biochemistry. Technologies to be examined include DNA sequencing, nucleic acid and protein microarrays, two-dimensional gel electrophoresis of proteins, uses of mass spectrometry for high throughput protein identification, isotope tagging for quantitative proteomics, high-performance liquid chromatography, high-throughput functional assays, affinity chromatography and modern methods for database analysis. Particular emphasis will be placed on how these technologies can provide insight into the molecular basis of changes in cellular function under both physiological and pathological conditions as well as how they can be applied to biotechnology for the discovery of biomarkers, diagnostics, and therapeutics. The practical component is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in proteomics and genomics.

The lecture component of this unit of study is the same as BCHM3092. Qualified students will attend seminars/practical classes in which more sophisticated topics in proteomics and genomics will be covered.

#### Textbooks

Liebler, DC. Introduction to Proteomics: Tools for the New Biology. Humana Press. 2002.

## Biochemistry Honours

An honours program of study designed for those wishing to enter research or to undertake work leading to a higher degree is conducted in the fourth year. The program runs from early February until mid-November. It provides the opportunity for laboratory research on a project supervised by a staff member, culminating in the production of a research thesis. During the year each student is also required to undertake a coursework program that involves six tutorials and an exam based on the critical evaluation of scientific manuscripts. Assessment of the year's work is based largely on the student's performance on the research project, and a written report on that project.

## Honours Research Areas

Biochemistry Honours is conducted within the School of Molecular and Microbial Biosciences. The School offers projects in a wide range of research areas including Physical Biochemistry and Structural Biology, Microbiology, Proteomics and Biotechnology, Nutrition and Metabolism and Molecular Biology and Genetics. Specific research topics currently offered include: Anticancer drugs: synthesis and mechanism of action; Biochemistry of cellular signal transduction; The causes of diabetes and/or obesity; Chaperones and amyloid formation; X-ray crystallography of proteins and drug DNA complexes; NMR studies of membrane transport and metabolism in cells; Antibiotic

resistance mechanisms in microbial pathogens; Eukaryotic transcription factors; Protein structure modeling; Molecular biology of humans and yeasts; Gene expression in transgenic mice; Glycaemic index of foods; oligosaccharides in human milk.

## Applying for admission to Honours

An application form providing the list of possible research projects is provided to interested students and is available from the honours coordinator. Students must arrange to speak with potential supervisors and should choose two discipline areas and three supervisors in order of preference on the application form. A decision on honours entry is made in December. Attempts will be made where possible to assign students to the supervisor of their choice but this will not always be possible. In such cases the School will work with students to find an available project. Students should note that some supervisors cannot accommodate mid-year entrants. The usual requirement for acceptance into the Honours program is a credit average in a major relevant to the project of interest; any student with an undergraduate background relevant to specific projects (including Chemistry, Biochemistry, Nutrition and Dietetics, Microbiology, Immunobiology, Physiology, Neuroscience, Mathematics, Physics, Biology or other related Medical Sciences) may be admitted. It should be noted that the number of students accepted into the Honours program may be limited because of resource restrictions (availability of a supervisor and/or laboratory space) and that, in the event of there being more applicants than resources will allow, offers will be made on the basis of academic merit. The honours unit of study codes are listed in the Honours chapter of this handbook - chapter 11. The Honours year coordinator is Dr Stuart Cordwell.

## Bioinformatics

Bioinformatics is an interdisciplinary area of science, involving Computer Science, Computational Science, Mathematics, Statistics, and the Life Sciences (ie. biology, medicine, etc). It is responsible for the development and use of computer systems, databases, software, networks, and hardware to solve scientific problems in a wide variety of areas ranging from biology to medicine. Due to its interdisciplinary nature, the BSc (Bioinformatics) degree is composed of units of study that are offered also to students enrolled in other degrees, the general aim being to equip the students enrolled in the BSc (Bioinformatics) degree with knowledge in key areas of relevance to Bioinformatics.

### First Year

In the first year of their study, students devote time to units of study offered by the School of Biological Sciences, School of Chemistry, School of Information Technologies, School of Mathematics and Statistics, and School of Molecular and Microbial Biosciences (see Table 1A in chapter 4).

### Second Year

In the second and third year of their study, students divide time equally between the Life Sciences and the mathematical, statistical, and computational sciences, choosing units of study from those offered by the School of Biological Sciences, School of Information Technologies, School of Mathematics and Statistics, School of Molecular and Microbial Biosciences, School of Physics, and the Department of Pharmacology (see Table 1A).

### Third Year

In the third year of their study, the students are highly recommended to enrol in BIOL3027/3927 (Bioinformatics and Genomics) and BCHM3092/3992 (Proteomics and Functional Genomics). Furthermore, the students complete a unit of study - BINF3101 (Bioinformatics Project) - that is designed specifically to give them an opportunity to do real research, supervised by scientists from the bio-medical disciplines. For further information regarding third year requirements see Table 1A.

## BINF3101

### Bioinformatics Project

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael Charleston, Dr Nathan Lo  
**Session:** Semester 2 **Classes:** Meeting with academic supervisor 1 hour per week & class meeting 1 hour per week. **Prerequisites:** 12 credit points from Intermediate Biology, Molecular Biology and Genetics, Biochemistry, Microbiology, Pharmacology **Prohibitions:** COMP3206, BINF3001, INFO3600, SOFT3300, SOFT3600, SOFT3200, SOFT3700 **Assumed knowledge:** INFO2110 and (INFO1103 or INFO1903) **Assessment:** Oral group presentations, individual and group reports.

This unit will provide students an opportunity to apply the knowledge and practice the skills acquired in the prerequisite and qualifying units, in the context of designing and building a substantial bioinformatics application. Working in groups, students will carry out the full range of activities including requirements capture, analysis and design, coding, testing and documentation.

## Biological Sciences

### Advice on units of study

Any student needing advice before enrolling should make an appointment to see an adviser from the School of Biological Sciences. Phone 9351 5819 (First Year Biology Office) for enquiries about junior units; or 9351 2848 for enquiries about Intermediate and Senior units. Units of study in Biology include those with the prefixes BIOL (Biology), PLNT (Plant Sciences) and MBLG (Molecular Biology and Genetics), as well as ENVI2111. Refer to the relevant sections of this handbook for details of PLNT, MBLG and ENVI units of study. For information on how to major in Biology or Plant Sciences, with advice on units of study, see [www.bio.usyd.edu.au/futurestudents/future\\_ug.html](http://www.bio.usyd.edu.au/futurestudents/future_ug.html).

### Assistance during semester

The offices of junior year Biology staff and the Biology Learning Centre are on the 5th floor of Carslaw. Staff are available for consultation throughout semester. The School maintains a website that provides access to resources for students: [www.bio.usyd.edu.au](http://www.bio.usyd.edu.au).

### Summer School: January-February

The School of Biological Sciences offers some junior units of study in the Sydney Summer School. Consult The Sydney Summer School website for more information: [www.summer.usyd.edu.au](http://www.summer.usyd.edu.au). Students may enrol in junior units of study offered at Summer School before their first semester of university enrolment.

### Biology Bridging Course

Students who have not completed HSC Biology or equivalent are strongly encouraged to attend the Biology Bridging Course before commencing any Biology study at university. Details are available each year from the School of Biological Sciences website: [www.bio.usyd.edu.au/futurestudents/future.html](http://www.bio.usyd.edu.au/futurestudents/future.html)

### Junior units of study

Students may take up to four units of study in Junior Biology: BIOL1001 or 1911 (Concepts in Biology); BIOL1003 or 1903 (Human Biology); BIOL1002 or 1902 (Living Systems); and MBLG1001 (Molecular Biology and Genetics).

## BIOL1001

### Concepts in Biology

**Credit points:** 6 **Session:** Semester 1, Summer Main **Classes:** Three 1 hour lectures and one 4 hour practical per fortnight. **Prohibitions:** BIOL 1911 **Assumed knowledge:** None. However, students who have not completed HSC Biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February). **Assessment:** One 2 hour exam, assignments, quizzes.

*Note: It is recommended that BIOL (1001 or 1911) be taken concurrently with either BIOL1003 or BIOL1903. Students who have completed HSC Biology and scored 80+ should enrol in BIOL1911. Students who lack 80+ in HSC Biology but have a UAI of at least 93 may enrol in BIOL1911 with permission from the UEO. The completion of MBLG 1001 is highly recommended.*

Concepts in Biology is an introduction to the major themes of modern biology. The unit emphasizes how biologists carry out scientific

investigations, from the cellular/molecular level to the level of ecosystems. Topics covered in lectures and practicals include: introductory cell biology, with particular emphasis on how cells obtain and use energy; the diversity and biology of microorganisms; an introduction to molecular biology through the role of DNA in protein synthesis, including current developments in DNA technology; genetics or organisms; theories of evolution and phylogenetic analysis, and how they are used to interpret the origins of the diversity of modern organisms; and interactions between organisms in biological communities, with emphasis on Australian ecology.

#### Textbooks

Knox R B et al. Biology, 3rd ed. McGraw-Hill. 2005

### BIOL1911

#### Concepts in Biology (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three lectures and one 4 hour practical per fortnight. **Prerequisites:** 80+ in HSC 2-unit Biology (or equivalent) or Distinction or better in a University level Biology unit, or by invitation. **Prohibitions:** BIOL 1001 **Assessment:** One 2 hour exam, assignments, quizzes.

*Note: Department permission required for enrolment. Note: It is recommended that BIOL (1001 or 1911) be taken concurrently with all other Junior units of study in Biology. The completion of MBLG1001 is highly recommended.*

Concepts in Biology (Advanced) builds on the main themes introduced in HSC Biology, with emphasis on current research in biology. Topics covered in lectures and practicals include: cell biology, with particular emphasis on how cells obtain and use energy; the diversity and biology of microorganisms; current developments in molecular biology, including recombinant DNA technology and the human genome project; inheritance, genetics and the origins of diversity of modern organisms; and interactions between organisms in biological communities, with emphasis on Australian ecology. Research-based lectures will expand on the general lecture topics and include current investigations of such diverse topic areas as cancer therapies, metabolic malfunction, anarchy in beehives, evolutionary studies of snake reproductive strategies, plant phylogeny and global environmental change.

#### Textbooks

As for BIOL1001.

### BIOL1003

#### Human Biology

**Credit points:** 6 **Session:** Semester 1, Summer Main **Classes:** Two 1 hour lectures per week (3 lectures in some weeks). One 3 hour practical class and 6-9 hours HOnline work every two weeks covering online practical activities, prework and homework. **Prohibitions:** BIOL1903, EDUH1016. **Assumed knowledge:** HSC 2-unit Biology. Students who have not completed HSC biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February). **Assessment:** One 2 hour exam, assignments and quizzes.

*Note: It is recommended that BIOL (1001 or 1911) be taken concurrently with this unit of study.*

This Unit of Study has three main components: lectures, practicals and HOnline activities. The unit of study provides an introduction to human evolution and ecology, cell biology, physiology and anatomy, through lectures and practical work. The unit of study includes human nutrition, distribution of essential requirements to and from cells, control of body functions and defence mechanisms. After discussion of reproduction and development, it concludes with modern studies and research prospects in biotechnology and human genetics.

This unit of study, together with BIOL (1001 or 1911 or 1002 or 1902), or MBLG (1001 or 1901), provides entry to Intermediate units of study in Biology, but the contents of BIOL (1002 or 1902) is assumed knowledge for BIOL (2011 or 2012) and PLNT 2003, and students entering these units with BIOL (1003 or 1903) will need to do some preparatory reading.

#### Textbooks

Seeley, RR et al. 2005. Essentials of Anatomy and Physiology. 5th ed., McGraw Hill.

Mader, Sylvia. Human Biology 8th edition. McGraw Hill, (Chapters 19, 24, 26)

### BIOL1903

#### Human Biology (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures per week (3 lectures in some weeks). One 3 hour practical class and 6-9 hours HOnline work every two weeks covering online practical activities, prework and homework. **Prerequisites:** UAI (or ATAR equivalent) of at least 93 and HSC Biology result in the 90+, or Distinction or better in a University level Biology unit, or by invitation. **Prohibitions:** BIOL1003, EDUH1016 **Assessment:** One 2 hour exam, assignment, group project presentation, discussion activities and quizzes.

This unit of study is the same as BIOL1003 except for the addition of 3 special seminars from guest speakers, a three hour ethics and bioscience component and three student peer group case study presentations.

#### Textbooks

As for BIOL1003

### BIOL1002

#### Living Systems

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 3 hour practical per week. **Prohibitions:** BIOL1902 **Assumed knowledge:** HSC 2-unit Biology. Students who have not completed HSC biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February). **Assessment:** One 2 hour exam, assignments, quizzes.

*Note: It is recommended that BIOL (1001 or 1911) be taken before this unit of study. This unit of study, together with BIOL (1001 or 1911) provides entry to all Intermediate units of study in biology in the School of Biological Sciences.*

Living Systems deals with the biology of organisms, from bacteria to large plants and animals, and emphasises the ways in which they can live in a range of habitats. The importance of energy in living systems, and how elements are used and recycled in biological communities, are described. The unit of study includes lectures and laboratory classes on the physiology of nutrition and growth, basic physiological processes of animals and plants, the ways in which organisms control and integrate their activities, and their reproduction. Finally applications of knowledge of genetics and ecology to practical problems in agriculture and conservation are introduced.

#### Textbooks

Knox R B et al. Biology. 3rd ed. McGraw-Hill. 2005

### BIOL1902

#### Living Systems (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 3 hour practical per week. **Prerequisites:** UAI (or ATAR equivalent) of at least 93 and HSC Biology result in the 90+, or Distinction or better in a University level Biology unit, or by invitation. **Prohibitions:** BIOL1002 **Assessment:** One 2 hour exam, assignments, quizzes, independent project.

*Note: Department permission required for enrolment.*

This unit of study shares lectures and practical classes with BIOL1002 but also includes more demanding alternative components of Living Systems.

#### Textbooks

As for BIOL1002.

### MBLG1001

#### Molecular Biology and Genetics (Intro)

**Credit points:** 6 **Teacher/Coordinator:** Dr Dale Hancock **Session:** Semester 2 **Classes:** Two 1-hour lectures per week; one 1-hour tutorial and one 4-hour practical per fortnight **Prohibitions:** AGCH2001, BCHM2001, BCHM2101, BCHM2901, MBLG2101, MBLG2901, MBLG2001, MBLG2111, MBLG2771, MBLG2871, MBLG1901 **Assumed knowledge:** 6 credit points of Junior Biology and 6 cp of Junior Chemistry **Assessment:** One 2.5-hour exam, in-semester skills test and assignments

The lectures in this unit of study introduce the "Central Dogma" of molecular biology and genetics -i.e., the molecular basis of life. The course begins with the information macro-molecules in living cells: DNA, RNA and protein, and explores how their structures allow them to fulfill their various biological roles. This is followed by a review of how DNA is organised into genes leading to discussion of replication and gene expression (transcription and translation). The unit concludes with an introduction to the techniques of molecular biology and, in particular, how these techniques have led to an explosion of interest and research in Molecular Biology. The practical component complements the lectures by exposing students to experiments which

explore the measurement of enzyme activity, the isolation of DNA and the 'cutting' of DNA using restriction enzymes. However, a key aim of the practicals is to give students higher level generic skills in computing, communication, criticism, data analysis/evaluation and experimental design.

*Textbooks*  
TBA

### MBLG1901

#### Molecular Biology and Genetics (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Dale Hancock **Session:** Semester 2 **Classes:** Two 1-hour lectures per week; one 1-hour tutorial and one 4-hour practical per fortnight; four 1-hour seminars per semester. **Prerequisites:** UAI (or ATAR equivalent) of 95 or minimum Band 5 in HSC chemistry and biology or by invitation **Prohibitions:** AGCH2001, BCHM2001, BCHM2101, BCHM2901, MBLG2101, MBLG2901, MBLG2001, MBLG2111, MBLG2771, MBLG2871, MBLG1001 **Assumed knowledge:** HSC Chemistry and Biology OR 6 credit points of Junior Biology and 6 cp of Junior Chemistry **Assessment:** One 2.5-hour exam, in-semester skills test and assignments

The lectures in this unit of study introduce the "Central Dogma" of molecular biology and genetics, i.e., the molecular basis of life. The course begins with the information macro-molecules in living cells: DNA, RNA and protein, and explores how their structures allow them to fulfill their various biological roles. This is followed by a review of how DNA is organised into genes leading to discussion of replication and gene expression (transcription and translation). The unit concludes with an introduction to the techniques of molecular biology and, in particular, how these techniques have led to an explosion of interest and research in Molecular Biology. The practical component complements the lectures by exposing students to experiments which explore the measurement of enzyme activity, the isolation of DNA and the 'cutting' of DNA using restriction enzymes. However, a key aim of the practicals is to give students higher level generic skills in computing, communication, criticism, data analysis/evaluation and experimental design.

The advanced component is designed for students interested in continuing in molecular biology. It consists of 7 advanced lectures (replacing 7 regular lectures) and 3 advanced laboratory sessions (replacing 3 regular practical classes). The advanced lectures will focus on the experiments which led to key discoveries in molecular biology. The advanced practical sessions will give students the opportunity to explore alternative molecular biology experimental techniques. Attendance at MBLG1999 seminars is strongly encouraged.

*Textbooks*  
TBA

### Intermediate units of study

Students who wish to take Intermediate Biology units of study should refer to the booklet 'Information for Students Considering Intermediate Biology Units of Study' which is available at the website [www.bio.usyd.edu.au/currentstudents/second.html](http://www.bio.usyd.edu.au/currentstudents/second.html) and from the School Office (Science Rd Cottage, A10). Students should discuss their unit of study choices, together with the other units of study they propose to study, with a Biology staff member before enrolling. If you are considering going on to study Senior Biology you must satisfy the Intermediate qualifying and prerequisite units of study for the units of study you intend taking. Units of study in Intermediate Biology include those with the prefixes BIOL (Biology), PLNT (Plant Sciences) and MBLG (Molecular Biology and Genetics), as well as ENVI2111 (Conservation Biology). Refer to the relevant sections of this handbook for details of PLNT (Plant Science), MBLG (Molecular Biology and Genetics) and ENVI (Environmental Studies) units of study. Note that MBLG (2071 or 2971) and MBLG (2072 or 2972) are qualifying units for BIOL (3018, 3025, 3026, 3027). Note also that MBLG (2071 or 2971) is assumed knowledge for students wishing to enrol in MBLG (2072 or 2972). The following Intermediate units of study are offered:

#### Semester 1 units of study

BIOL2011 Invertebrate Zoology, BIOL2016 Cell Biology, PLNT2001 Applied Plant Biochemistry, PLNT2002 Aust Flora: Ecology and

Conservation, ENVI2111 Conservation Biology and Applied Ecology and MBLG2071 Molecular Biology and Genetics A. (Plus Advanced versions of the above – BIOL29xx, PLNT29xx, ENVI2911, MBLG29xx).

#### Semester 2 units of study

BIOL2012 Vertebrates and their Origins, BIOL2017 Entomology, BIOL2018 Introduction to Marine Biology, PLNT2003 Plant Form and Function, MBLG2072 Molecular Biology and Genetics B. (Plus Advanced versions of the above – BIOL29xx, PLNT29xx, MBLG29xx).

#### Note:

Only one version of each unit of study may be credited towards the degree (e.g. only one of BIOL2011 or 2911 can be taken). Qualifying units of study for certain Senior Biology units of study are defined as combinations of 6 credit points of Intermediate Biology units of study (see the Senior unit of study descriptions or Information for Students booklets). For details of PLNT units please refer to the Plant Science entry in this chapter.

### BIOL2011

#### Invertebrate Zoology

**Credit points:** 6 **Teacher/Coordinator:** Dr E May. **Session:** Semester 1 **Classes:** Two 1 hour lectures, one 1 hour tutorial and one 2 hour practical per week, or three 1 hour lectures and one 2 hour practical per week. **Prerequisites:** BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for students in the BSc[Marine Science] stream: 6 credit points of Junior Chemistry and 6 credit points of Junior Physics). **Prohibitions:** BIOL2911 **Assumed knowledge:** BIOL (1002 or 1902). **Assessment:** Mid-semester test, one 2 hour theory exam, one 1.5 hour prac exam, one essay, tutorial work.

*Note:* This unit of study may be taken alone, but when taken with BIOL2012 provides entry into certain Senior Biology units of study. The content of BIOL (1002 or 1902) is assumed knowledge and students entering without BIOL (1002 or 1902) will need to do some preparatory reading. The completion of 6 credit points of MBLG units of study is highly recommended.

This unit of study provides a thorough grounding in the diversity of animals by lectures and detailed laboratory classes, which include dissections and demonstrations of the functional anatomy of invertebrates. The material is presented within the conceptual framework of evolution and the principles and use of phylogeny and classification. Tutorials further explore concepts of phylogeny, animal structure and function, and provide opportunity to develop oral and written communication skills. The unit of study is designed to be taken in conjunction with BIOL2012 Vertebrates and their Origins; the two units of study together provide complete coverage of the diversity of animals at the level of phylum.

### BIOL2911

#### Invertebrate Zoology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr E May **Session:** Semester 1 **Classes:** See BIOL2011 **Prerequisites:** Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for students in BSc[Marine Science] stream: 6 credit points of Junior Chemistry and 6 credit points of Junior Physics). These requirements may be varied and students with lower averages should consult the Unit Executive Officer **Prohibitions:** BIOL2011. **Assumed knowledge:** BIOL (1002 or 1902). **Assessment:** See BIOL2011

*Note:* The completion of 6 credit points of MBLG units of study is highly recommended.

Qualified students will participate in alternative components of BIOL2011 Invertebrate Zoology. The content and nature of these components may vary from year to year.

### BIOL2012

#### Vertebrates and their Origins

**Credit points:** 6 **Teacher/Coordinator:** Dr E L May **Session:** Semester 2 **Classes:** Two 1 hour lectures, one 1 hour tutorial and one 2 hour practical per week, or three 1 hour lectures and one 2 hour practical per week; one field trip. **Prerequisites:** BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for students in the BSc[Marine Science] stream: 6 credit points of Junior Chemistry and 6 credit points of Junior Physics). **Prohibitions:** BIOL 2912. **Assumed knowledge:** The content of BIOL (1002 or 1902) is assumed knowledge and students who have not completed BIOL (1002 or 1902) will need to do some preparatory reading. **Assessment:** Mid-semester test, one 2 hour theory exam, one 1.5 hour prac exam, one assignment, one essay, tutorial work.

*Note: This unit of study may be taken alone, but when taken with BIOL2011 provides entry into certain Senior Biology units of study. The completion of MBLG1001 is highly recommended.*

This unit of study completes the grounding in the diversity of animals at the level of phylum introduced in BIOL2011 Invertebrate Zoology, by lectures and detailed laboratory classes, which include dissections and demonstrations of the functional anatomy of vertebrates and invertebrate phyla not covered in BIOL2011. Tutorials further explore concepts of phylogeny, animal structure and function, and provide opportunity to develop oral and written communication skills. Students may choose to attend an intensive 3.5 day field trip, which takes place in the July break preceding Semester 2. (Contact Dr May during Semester 1 if you wish to attend).

### BIOL2912

#### Vertebrates and their Origins (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr E May **Session:** Semester 2 **Classes:** See BIOL2012 **Prerequisites:** Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for students in BSc[Marine Science] stream: 6 credit points of Junior Chemistry and 6 credit points of Junior Physics). These requirements may be varied and students with lower averages should consult the Unit Executive Officer **Prohibitions:** BIOL2012. **Assumed knowledge:** The content of BIOL (1002 or 1902) is assumed knowledge and students who have not completed BIOL (1002 or 1902) will need to do some preparatory reading. **Assessment:** See BIOL2012

*Note: The completion of MBLG1001 is highly recommended.*

Qualified students will participate in alternative components of BIOL2012 Vertebrates and their Origins. The content and nature of these components may vary from year to year.

### BIOL2016

#### Cell Biology

**Credit points:** 6 **Teacher/Coordinator:** Dr M Thomson. **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** 12 credit points of Junior Biology, e.g. any combination of 2 units made from the following options, BIOL (1001 or 1911), BIOL (1002 or 1902), BIOL (1003 or 1903), MBLG (1001 or 1901), EDUH1016, and 12 credit points of Junior Chemistry. For students in the BSc (Marine Science) 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. **Prohibitions:** BIOL2916. **Assessment:** One 3 hour theory exam, one project assignment, one prac report

*Note: The completion of MBLG1001 is highly recommended.*

This unit of study focuses on contemporary principles in cell biology and development in plant and animals, with emphasis on cellular functions and favouring the molecular perspective. Topics include cancer and control of cell division and migration, pre-programmed cell death, molecular signaling and transport systems, cellular endocrinology and embryonic development. The practical component provides students with hands-on training in key industry techniques using modern equipment and is therefore of immense benefit to students contemplating honours study or a career in molecular and cellular research. The unit of study is designed to complement intermediate Molecular Biology and Genetics units and leads ideally to various senior units of study in biology, including Plant Growth & Development, Applications of Recombinant DNA Technology, Evolutionary Genetics & Animal Behaviour, Fungi in the Environment, Animal Physiology, Bioinformatics and Genomics, as well as senior units of study in biochemistry.

#### Textbooks

Alberts B, Johnson A, Lewis J, Raff M, Roberts K, Walter P. 2002. Molecular Biology of the Cell. 4th Edition. Garland Science.

### BIOL2916

#### Cell Biology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Murray Thomson. **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** Distinction average in 12 credit points of Junior Biology or equivalent, e.g. any combination of 2 units made from the following options, BIOL (1001 or 1911), BIOL (1002 or 1902), BIOL (1003 or 1903), MBLG (1001 or 1901), EDUH1016, and 12 credit points of Junior Chemistry. For students in the BSc (Marine Science) 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. **Prohibitions:** BIOL2016. **Assessment:** One 3 hour exam, one practical report and one project assignment.

*Note: The completion of MBLG1001 is highly recommended.*

Qualified students will participate in alternative components of BIOL2016 Cell Biology.

#### Textbooks

As for BIOL2016

### BIOL2017

#### Entomology

**Credit points:** 6 **Teacher/Coordinator:** Dr Dieter Hochuli **Session:** Semester 2 **Classes:** Two 1 hour lecture and one 3 hour practical per week. **Prerequisites:** BIOL (1001 or 1911 or 1101 or 1901 ) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. **Prohibitions:** BIOL2917. **Assumed knowledge:** BIOL (2011 or 2911). **Assessment:** Two hour theory exam, two practical reports, spot test, review and an insect collection. **Practical field work:** The practical classes give students a working knowledge of the major orders of insects and species of importance, as well as principles of collection, preservation and identification. Project work considers forensic entomology, learning in social insects and insect behaviour. Field trips to the Australian Museum and Taronga Zoo will also consider insect husbandry and the role of insects in education. There will also be an introduction to entomological databases and an assignment that involves the making and presentation of a small collection of insects.

This is a general but comprehensive introduction to Insect Biology taught in 3 integrated modules. The first module examines morphology, classification, life histories and development, physiology, ecology, behaviour, conservation, and the biology of prominent members of major groups. The other two modules examine new developments in entomological research, focusing on research strengths at the University of Sydney, the biology of social insects and insect behaviour.

### BIOL2917

#### Entomology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Dieter Hochuli. **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 3 hour practical per week. **Prerequisites:** Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students: 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. **Prohibitions:** BIOL2017. **Assumed knowledge:** BIOL (2011 or 2911). **Assessment:** Two hour theory exam, two practical reports, spot test, review and an insect collection.

Qualified students will participate in alternative components of BIOL2017, Entomology. The content and nature of these components may vary from year to year.

### BIOL2018

#### Introduction to Marine Biology

**Credit points:** 6 **Teacher/Coordinator:** A/Professor R Coleman **Session:** Semester 2 **Classes:** 2x1hr lectures per week. 6x1hr tutorials, 1x8hr field trip, 3x4hr field trips and 1x3hr practical. **Prerequisites:** BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics). **Prohibitions:** BIOL2918, MARS (2006 or 2906 or 2007 or 2907). **Assumed knowledge:** 12 credit points of Junior Biology; MARS2005. **Assessment:** Two hour theory exam, four written reports.

This unit will describe some of the ways in which the properties of the oceans affect marine organisms. It also introduces coral reefs and other marine ecosystems, together with their productivity, biological oceanography, the reproductive biology of marine organisms, and marine biological resources. The practical elements will provide the core skills and techniques that will equip students to perform laboratory and field studies in marine biology. The unit will introduce appropriate methodologies for the collection, handling and analysis of data; the scientific principles underlying experimental design; and the effective communication of scientific information.

#### Textbooks

Levinton, J. (2009) Marine Biology: Function, Biodiversity and Ecology (3rd ed). Oxford University Press.

**BIOL2918****Introduction to Marine Biology (Adv)**

**Credit points:** 6 **Teacher/Coordinator:** A/Professor R Coleman **Session:** Semester 2 **Classes:** 2x1hr lectures per week. 6x1hr tutorials, 1x8hr field trip, 3x4hr field trips and 1x3hr practical. **Prerequisites:** Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. **Prohibitions:** BIOL2018, MARS (2006 or 2906 or 2007 or 2907). **Assumed knowledge:** 12 credit points of Junior Biology. **Assessment:** Two hour theory exam, four written reports.

*Note: Entry is restricted and selection is made from applicants on the basis of previous performance.*

This unit has the same objectives as BIOL2018, Introduction to Marine Biology, and is suitable for students wishing to pursue aspects from the unit in greater depth. Students taking this unit will participate in alternatives to some elements of the ordinary level course and will be required to pursue the unit objectives by more independent means. Specific details of the unit will be announced in meetings, during the first week of teaching.

**Textbooks**

As for BIOL2018

*Refer to the relevant sections of this handbook for details on the following units of study:*

Environmental Studies: ENVI2111 Conservation Biology and Applied Ecology. Plant Science: PLNT2001 Applied Plant Biochemistry, PLNT2002 Australian Flora: Ecology and Conservation, PLNT2003 Plant Form and Function. Molecular Biology and Genetics: MBLG2071 Molecular Biology and Genetics A, MBLG2072 Molecular Biology and Genetics B. (Plus Advanced versions of the above – ENVI2911, PLNT29xx, MBLG29xx).

**Senior units of study**

Students who intend to proceed from Intermediate to Senior Biology should refer to the booklet Information for Students Considering Senior Biology Units of Study, which is available from the School Office (The Cottage, A10 Science Road) and at [www.bio.usyd.edu.au/currentstudents/third.html](http://www.bio.usyd.edu.au/currentstudents/third.html). Students should discuss their unit of study choices with a Biology Staff member before enrolling. A major in Biology comprises 24 credit points of Senior Biology units of study. Units of study followed by (MS) may be used to count towards a major in Marine Science.

**Senior units of study offered: Pre-semester 1**

BIOL3010 Tropical Wildlife Biology and Management - (Pre-Semester 1 intensive). BIOL3017 Fungi in the Environment – (Summer Break and Semester 1). (Plus Advanced versions of the above – BIOL39xx)

**Senior units of study offered: Semester 1**

BIOL3006 Ecological Methods (MS), BIOL3011 Ecophysiology (MS), BIOL3012 Animal Physiology, BIOL3013 Marine Biology (MS), BIOL3018 Applications of Recombinant DNA Technology, BIOL3027 Bioinformatics and Genomics, PLNT 3003 Systematics and Evolution of Plants. (Plus advanced versions of the above - BIOL 39xx, PLNT 39xx).

**Senior units of study offered: Pre-semester 2 intensive**

BIOL3008 Marine Field Ecology (MS) – (Pre-Semester 2 intensive). BIOL3009 Terrestrial Field Ecology – (Pre-Semester 2 intensive). (Plus Advanced versions of the above - BIOL 39xx) BIOL3016 Coral Reef Ecosystems

**Senior units of study offered: Semester 2**

BIOL3007 Ecology (MS), BIOL3025 Evolutionary Genetics and Animal Behaviour, BIOL3026 Developmental Genetics, PLNT3002 Plant Growth and Development. (Plus advanced versions of the above - BIOL 39xx, PLNT 39xx).

**Further information**

Details of lectures and practical classes are given in the booklet: Information for Students Considering Senior Biology Units of Study. Any combination of units may be chosen subject to timetable and prerequisite constraints. Units of study are offered subject to student numbers, availability of staff and resources. Quotas exist on BIOL 3008/3908 Marine Field Ecology, and BIOL 3009/3909 Terrestrial Field Ecology. When necessary, selection is based on academic merit. Students majoring in Marine Science must enrol in 24 credit points of Senior Marine Science, including at least 6 credit points of Senior Biology (from those marked MS) and 6 credit points from GEOS units. If these credit points are taken as part of Marine Science major they may not be counted towards a Biology major.

**Selecting units of study**

Select your units of study after checking (a) that you have passed the qualifying units of study stated for each unit of study, and (b) checking your timetable. You are strongly advised to check the most up-to-date information (including details of quotas in Marine modules) in the booklet: Information for Students Considering Senior Biology Units of Study, available from the School Office (The Cottage, A10, Science Road).

**Textbooks**

A list of textbooks and reference books is provided in the booklet: Information for Students Considering Senior Biology Units of Study.

**BIOL3006****Ecological Methods**

**Credit points:** 6 **Teacher/Coordinator:** Dr Clare McArthur **Session:** Semester 1 **Classes:** Two 1 hour lecture and one 3 hour laboratory per week. **Prerequisites:** 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL units and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. **Prohibitions:** BIOL3906, MARS3102 **Assumed knowledge:** BIOL (2011 or 2911 or 2012 or 2912) or PLNT (2002 or 2902). **Assessment:** One 2 hour exam 40%, practical assignments (including calculations, reports and reviews) 60%.

This unit will consider ecology as a quantitative, experimental and theoretical science. It is concerned with the practical skills and philosophical background required to explore questions and test hypotheses in the real world. Application of ecological methods and theory to practical problems will be integrated throughout the unit of study. Lectures will focus on sound philosophical and experimental principles, drawing on real examples for demonstration of concepts, and will be useful as one basis for informed conservation and management of natural populations and habitats. Practical sessions will be used to gain experience in effective sampling, determining patterns of distribution and abundance, estimating ecological variables, and statistically analysing ecological data. Computer simulations and statistical packages for analyses will be used where appropriate.

**Textbooks**

Dytham, C. 2003. Choosing and using statistics. A biologist's guide. 2nd edition. Blackwell Science. Melbourne.

**BIOL3906****Ecological Methods (Advanced)**

**Credit points:** 6 **Teacher/Coordinator:** Dr C McArthur **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour laboratory per week **Prerequisites:** Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. **Prohibitions:** BIOL3006, MARS3102 **Assumed knowledge:** BIOL (2011 or 2911 or 2012 or 2912) or PLNT (2002 or 2902). **Assessment:** One 2 hour exam 40%, practical assignments (including calculations, reports and reviews) 60%.

This unit has the same objectives as BIOL3006 Ecological Methods, and is suitable for students who wish to pursue certain aspects in greater depth. Entry is restricted, and selection is made from the applicants on the basis of their previous performance. Students taking this unit of study will participate in alternatives to some elements of the standard course and will be required to pursue the objectives by more independent means. Specific details of this unit of study and

assessment will be announced in meetings with students in week 1 of semester 1. This unit of study may be taken as part of the BSc (Advanced) program.

*Textbooks*  
As for BIOL3006

### BIOL3007 Ecology

**Credit points:** 6 **Teacher/Coordinator:** Dr D Hochuli **Session:** Semester 2 **Classes:** Two 1 hour lecture and one 3 hour laboratory per week **Prerequisites:** 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL, and ENVI2111 or MARS2006; or 12 credit points of MARS units, including MARS2006 **Prohibitions:** BIOL3907, MARS3102 **Assumed knowledge:** Although not prerequisites, knowledge obtained from BIOL3006/3906, and BIOL3008/3908 and/or BIOL3009/3909, is strongly recommended. **Assessment:** One 2hr exam, presentations, essay, project report.

This unit explores the dynamics of ecological systems, and considers the interactions between individual organisms and populations, organisms and the environment, and ecological processes. Lectures are grouped around four dominant themes: Interactions, Evolutionary Ecology, The Nature of Communities, and Conservation and Management. Emphasis is placed throughout on the importance of quantitative methods in ecology, including sound planning and experimental designs, and on the role of ecological science in the conservation, management, exploitation and control of populations. Relevant case studies and examples of ecological processes are drawn from marine, freshwater and terrestrial systems, with plants, animals, fungi and other life forms considered as required. Students will have some opportunity to undertake short term ecological projects, and to take part in discussions of important and emerging ideas in the ecological literature.

*Textbooks*  
Begon M, Townsend CR, Harper JL (2005) Ecology, From individuals to ecosystems. Wiley-Blackwell.

### BIOL3907 Ecology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr D Hochuli **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 3 hour laboratory per week. **Prerequisites:** Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. **Prohibitions:** BIOL3007, MARS3102 **Assumed knowledge:** Although not prerequisites, knowledge obtained from BIOL3006/3906, and BIOL3008/3908 and/or BIOL3009/3909, is strongly recommended. Students entering this unit of study should have achieved Distinction average. **Assessment:** One 2hr exam, presentations, essay, project report.

This unit has the same objectives as BIOL3007 Ecology, and is suitable for students who wish to pursue certain aspects in greater depth. Entry is restricted, and selection is made from the applicants on the basis of their previous performance. Students taking this unit of study will participate in alternatives to some elements of the standard course and will be encouraged to pursue the objectives by more independent means. Specific details of this unit of study and assessment will be announced in meetings with students in week 1 of semester 2. This unit of study may be taken as part of the BSc (Advanced) program.

*Textbooks*  
As for BIOL3007

### BIOL3008 Marine Field Ecology

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Ross Coleman **Session:** S2 Intensive **Classes:** Intensive 8 day-field course held in the pre-semester break. **Prerequisites:** 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. **Prohibitions:** BIOL3908, MARS3102. **Assumed knowledge:** BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. **Assessment:** Discussion groups, research project proposal, biodiversity survey report, data analysis and checking, research project report.

*Note:* Dates: 3 - 10 July 2010.

This field course provides a practical introduction to the experimental analysis of marine populations and assemblages. Students gain

experience using a range of intertidal sampling techniques and develop a detailed understanding of the logical requirements necessary for manipulative ecological field experiments. No particular mathematical or statistical skills are required for this subject. Group experimental research projects in the field are the focus of the unit during the day, with lectures and discussion groups about the analysis of experimental data and current issues in experimental marine ecology occurring in the evening.

*Textbooks*  
No textbook is prescribed but Coastal Marine Ecology of Temperate Australia. Eds. Underwood, A.J. & Chapman, M.G. 1995. University of New South Wales Press, provides useful background reading.

### BIOL3908 Marine Field Ecology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** A/Prof R Coleman. **Session:** S2 Intensive **Classes:** One 8 day field course held in the pre-semester break, plus four 1 hour tutorials during semester 2. **Prerequisites:** Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate Biology and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. **Prohibitions:** BIOL3008, MARS3102. **Assumed knowledge:** BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. **Assessment:** Discussion groups, research project proposal, biodiversity report, data analysis and checking, research project report. *Note:* Dates: 3 - 10 July 2010.

This unit has the same objectives as Marine Field Ecology BIOL3008, and is suitable for students wishing to pursue certain aspects of marine field ecology in a greater depth. Entry is restricted and selection is made from applicants on the basis of past performance. Students taking this unit of study will be expected to take part in a number of additional tutorials after the field course on advanced aspects of experimental design and analysis and will be expected to incorporate these advanced skills into their analyses and project reports. This unit may be taken as part of the BSc(Advanced).

*Textbooks*  
As for BIOL 3008.

### BIOL3009 Terrestrial Field Ecology

**Credit points:** 6 **Teacher/Coordinator:** Dr G Wardle **Session:** S2 Intensive **Classes:** Note: One 6 day field trip held in the pre-semester break and 4 practical classes during weeks 1-4 in Semester 2. **Prerequisites:** 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001. **Prohibitions:** BIOL3909 **Assumed knowledge:** BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. **Assessment:** Discussions and quiz (10%), research project proposal and brief presentation (10%), sampling project report (20%), specimen collection (10%), research project report (50%).

*Note:* Note: One 6 day field trip held in the pre-semester break (18 - 23 July 2010), and 4 practical classes during weeks 1-4 in Semester 2.

This field course provides practical experience in terrestrial ecology suited to a broad range of careers in ecology, environmental consulting and wildlife management. Students learn a broad range of ecological sampling techniques and develop a detailed understanding of the logical requirements necessary for manipulative ecological field experiments. The field work incorporates survey techniques for plants, small mammals and invertebrates and thus provides a good background for ecological consulting work. Students attend a week-long field course and participate in a large-scale research project as well as conducting their own research project. Invited experts contribute to the lectures and discussions on issues relating to the ecology, conservation and management of Australia's terrestrial flora and fauna.

### BIOL3909 Terrestrial Field Ecology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr G Wardle. **Session:** S2 Intensive **Classes:** 6 day field trip held in the pre-semester break and 4 practical classes during weeks 1-4 in Semester 2. **Prerequisites:** Distinction average in 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001 **Prohibitions:** BIOL3009. **Assumed knowledge:** BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. **Assessment:** Discussions and quiz (10%), research project proposal and brief presentation (10%), sampling project report (20%), sample and data processing (10%), research project report (50%).



*Note: Note: One 6 day field trip held in the pre-semester break (18 - 23 July 2010) and 4 practical classes during weeks 1-4 in Semester 2.*

This unit has the same objectives as BIOL3009 Terrestrial Field Ecology, and is suitable for students who wish to pursue certain aspects in greater depth. Entry is restricted, and selection is made from applicants on the basis of previous performance. Students taking this unit of study will complete an individual research project on a topic negotiated with a member of staff. It is expected that much of the data collection will be completed during the field trip but some extra time may be needed during semester 2. Specific details of this unit of study and assessment will be announced in meetings with students at the beginning of the unit. This unit of study may be taken as part of the BSc (Advanced) program.

### BIOL3010

#### Tropical Wildlife Biology and Management

**Credit points:** 6 **Teacher/Coordinator:** Dr J Webb **Session:** S1 Intensive **Classes:** 5 day Field School, followed by 5 days of classes at Sydney University. **Prerequisites:** 12 credit points of Intermediate Biology (BIOL/ENVI/PLNT), or equivalent. **Prohibitions:** BIOL3910 **Assumed knowledge:** None, although BIOL2012/2912 (Vertebrates and their Origins) would be useful. **Assessment:** One 2 hour exam, one 1 hour practical exam, a two page report, a 2000 word paper, and a 15 minute oral presentation.

*Note: Dates: 14 February - 19 February 2010 Northern Territory, followed by tutorials and practical classes at the University of Sydney 22 February - 26 February 2010.*

Due to its isolation from the rest of the world and unique evolutionary history, the Australian terrestrial vertebrate fauna (amphibians, reptiles, birds and mammals) is highly unusual, and hence has a lot to offer in the study of evolutionary processes. The rarity of some species and Australia's unusual climate and landforms present special challenges for the management of our native wildlife. This unit of study addresses the evolution, ecology and management of Australia's terrestrial fauna. The subject comprises a five-day field course in the Northern Territory, near Darwin, where students will learn field-based techniques in wildlife management, combined with lectures given by experts in the evolution, ecology and management of wildlife.

### BIOL3910

#### Tropical Wildlife Biol & Management Adv

**Credit points:** 6 **Session:** S1 Intensive **Classes:** 5 day Field School followed by 5 days of classes at Sydney University. **Prerequisites:** Distinction average in 12 credit points of Intermediate Biology (BIOL/ENVI/PLNT). **Prohibitions:** BIOL3010 **Assumed knowledge:** None, although BIOL2012/2912 (Vertebrates and their Origins) would be useful. **Assessment:** One 2 hour exam, one 1 hour practical exam, a 2000 word practical report, one 15 min oral presentation.

*Note: Department permission required for enrolment. Note: Dates: 14 - 19 February 2010 Northern Territory followed by tutorials and practical classes at the University of Sydney 22 - 26 February 2010.*

This unit has the same objectives as BIOL3010 Tropical Wildlife Biology and Management, and is suitable for students who wish to pursue certain aspects in greater depth. Entry is restricted, and selection is made from the applicants on the basis of their previous performance. Students taking this unit of study will participate in alternatives to some elements of the standard course and will be required to pursue the objectives by more independent means. Specific details of this unit of study and assessment will be announced in meetings with students at the beginning of the unit. This unit of study may be taken as part of the BSc(Advanced) program.

### BIOL3011

#### Ecophysiology

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Seebacher **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 4 hour laboratory per week. **Prerequisites:** 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. **Prohibitions:** BIOL3911 **Assumed knowledge:** BIOL (2012 or 2912 or 2016 or 2916) or PLNT (2003 or 2903). **Assessment:** One 1.5 hour exam, field trip seminar, laboratory report.

*Note: The completion of 6 credit points of MBLG units is highly recommended.*

Ecophysiology is a conceptually based unit of study that covers physiological interactions between organisms and their environments. The unit focuses on the evolution of physiological capacities and how

these may explain the ecology and biogeography or organisms. Lectures are based on the current primary literature. Lecturers have active research programs on the topics they cover and will present original research findings where appropriate. Examples are mainly from insects, vertebrates, and marine organisms. As part of the practical component, students design their own original research projects to be conducted during a week-end long field trip, and during self-directed laboratory sessions.

### BIOL3911

#### Ecophysiology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Seebacher **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 4 hour laboratory per week. **Prerequisites:** Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. **Prohibitions:** BIOL3011 **Assumed knowledge:** BIOL (2012 or 2912 or 2016 or 2916) or PLNT (2003 or 2903) **Assessment:** One 1.5 hour exam, field trip seminar, independent project report.

*Note: The completion of 6 credit points of MBLG units is highly recommended.*

Ecophysiology (Advanced) shares the same lectures as BIOL 3011 Ecophysiology, but it includes an independent project in place of the laboratory report (equivalent of 30% of Ecophysiology). The content and nature of the independent project varies and students are encouraged to design their own project.

### BIOL3012

#### Animal Physiology

**Credit points:** 6 **Teacher/Coordinator:** Dr M Thomson **Session:** Semester 1 **Classes:** Two 1 hour lectures, one 4 hour laboratory per week. **Prerequisites:** 12 credit points of Intermediate Biology including BIOL (2012 or 2912 or 2016 or 2916) or PLNT (2003 or 2903) **Prohibitions:** BIOL3912 **Assessment:** One 1.5 hour exam, laboratory/library reports.

*Note: The completion of 6 credit points of MBLG units is highly recommended.*

In this unit of study students explore how animal physiology is influenced by environmental factors. There is a strong emphasis on how modern research is expanding the field of physiology throughout a diverse array of vertebrates and invertebrates and the unit is designed to complement Ecophysiology. Particular emphasis will be placed on nutrition, animal behaviour, energy metabolism, endocrinology and neurobiology, as well as more exotic animal physiology such as electro-reception in sharks and infra-red detection of prey in snakes.

### BIOL3912

#### Animal Physiology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr M Thomson **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 4 hour laboratory per week. **Prerequisites:** Distinction average in 12 credit points of Intermediate Biology including BIOL (2012 or 2912 or 2016 or 2916) or PLNT (2003 or 2903). These requirements may be varied and students with lower averages should consult the Unit Executive Officer. **Prohibitions:** BIOL3012 **Assessment:** One 1.5 hour exam, laboratory reports, independent project report.

*Note: The completion of 6 credit points of MBLG units is highly recommended.*

Animal Physiology (Advanced) shares the same lectures as Animal Physiology, but it includes an independent project in place of one or more components of the laboratory classes to the equivalent of 30% of Animal Physiology. The content and nature of the independent project may vary from year to year.

### BIOL3013

#### Marine Biology

**Credit points:** 6 **Teacher/Coordinator:** Dr W Figueira **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 4 hour laboratory per week. **Prerequisites:** 12 credit points of Intermediate Biology, or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. **Prohibitions:** BIOL3913 **Assumed knowledge:** BIOL 2018 or MARS2006 **Assessment:** Practical reports, paper criticisms and other assignments

*Note: The completion of 6 credit points of MBLG units is highly recommended.*

We will examine in detail processes that are important for the establishment and maintenance of marine communities. Lectures will



expose students to the key ideas, researchers and methodologies within selected fields of marine biology. Laboratory sessions will complement the lectures by providing students with hands-on experience with the organisms and the processes that affect them. Students will develop critical analysis and scientific writing skills while examining the current literature.

### BIOL3913

#### Marine Biology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr W Figueira **Session:** Semester 1  
**Classes:** Two 1 hour lectures and one 4 hour laboratory per week.  
**Prerequisites:** Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI2111 or MARS2006; or 12 credit points of Intermediate MARS units, including MARS2006. **Prohibitions:** BIOL3013 **Assumed knowledge:** BIOL2018 or MARS2006 **Assessment:** Practical reports, paper criticisms and other assignments.

*Note: The completion of 6 credit points of MBLG units is highly recommended.*

Qualified students will participate in alternative components of the BIOL3013 Marine Biology unit. The content and nature of these components may vary from year to year.

### BIOL3017

#### Fungi in the Environment

**Credit points:** 6 **Teacher/Coordinator:** A/Prof P McGee **Session:** S1 Intensive  
**Classes:** 40 hours of practicals in a two week intensive program held immediately prior to semester one (laboratory component each morning from 15-26 February 2010), plus the equivalent of 30 hours self-guided study during the semester. **Prerequisites:** 12 credit points of Intermediate Biology or Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography. **Prohibitions:** BIOL3917 **Assessment:** Selected from one 2 hour take home exam, laboratory and written assignments.

*Note: Dates: 15-26 February 2010. The completion of 6 credit points of MBLG units is highly recommended.*

The unit is designed to develop understanding of fungal ecology in relation to environmental and rehabilitation biology, biological control of pests and pathogens, and soil microbiology. Emphasis will be placed on the function of fungi, and the benefit provided by fungi in symbiotic interactions with plants, including mycorrhizal fungi and shoot-borne endophytes. Physiological and ecological implications of the interactions will also be considered. Each student will design and implement a research project. Analytical thinking and research-led activity will be encouraged. Using broad scientific approaches, each student will gain the capacity to work cooperatively to find and analyse information from primary sources, develop approaches to test their understanding, and to present their work in a scientifically acceptable manner. Students will develop a deeper understanding of one area of fungal biology through independent study. Part of the learning material will be available on the internet.

### BIOL3917

#### Fungi in the Environment (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** A/Prof P McGee **Session:** S1 Intensive  
**Classes:** 40 hours of practical work in a two week intensive program immediately prior to semester one (laboratory component each morning from 15-26 February 2010), plus the equivalent of 30 hours self-guided study during the semester. **Prerequisites:** Distinction average in 12 credit points of Intermediate Biology and Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography. **Prohibitions:** BIOL3017 **Assessment:** Selected from one 2 hour take home exam, laboratory and written assignments.

*Note: The completion of 6 credit points of MBLG units is highly recommended.*

Qualified students will be encouraged to develop a research project under supervision. The content and nature of the research will be agreed on with the executive officer.

### BIOL3018

#### Applications of Recombinant DNA Tech

**Credit points:** 6 **Teacher/Coordinator:** Dr B Lyon **Session:** Semester 1  
**Classes:** Two 1 hour lectures per week; up to 4 hours laboratory per week.  
**Prerequisites:** 12 credit points from MBLG (2071/297), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including BMED 2802. **Prohibitions:** BIOL3918 **Assessment:** One 2 hour exam, practical reports, assignment/seminar

A unit of study with lectures, practicals and tutorials on the application of recombinant DNA technology and the genetic manipulation of prokaryotic and eukaryotic organisms. Lectures cover the applications of molecular genetics in biotechnology and consider the impact and implications of genetic engineering. Topics include the cloning and expression of foreign genes in bacteria, yeast, animal and plant cells, novel human and animal therapeutics and vaccines including human gene therapy, new diagnostic techniques for human and veterinary disease, the transformation of animal and plant cells, the genetic engineering of animals and plants, and the environmental release of genetically-modified (transgenic) organisms. Practical work may include nucleic acid isolation and manipulation, gene cloning and PCR amplification, DNA sequencing and computer analysis of gene sequences, immunological detection of proteins, and the genetic transformation and assay of plants.

### BIOL3918

#### Applications of Recombinant DNA Tech Adv

**Credit points:** 6 **Teacher/Coordinator:** Dr B Lyon **Session:** Semester 1  
**Classes:** Two 1 hour lectures per week, and up to 4 hours laboratory per week.  
**Prerequisites:** Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802. **Prohibitions:** BIOL3018 **Assessment:** One 2 hour exam, assignment/seminar

Qualified students will participate in alternative components of BIOL3018 Applications of Recombinant DNA Technology. The content and nature of these components may vary from year to year.

### BIOL3025

#### Evolutionary Genetics & Animal Behaviour

**Credit points:** 6 **Teacher/Coordinator:** Prof Oldroyd, A/Prof Beekman.  
**Session:** Semester 2 **Classes:** Two 1 hour lectures and up to 4 hours laboratory per week. **Prerequisites:** 12 credit points from (MBLG 2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including BMED2802. **Prohibitions:** BIOL3925 **Assessment:** One 1.5 hour exam, assignments, seminar

The unit of study covers the main themes of modern evolutionary theory including population genetics. In the practicals, students use molecular methods to quantify genetic variation in natural populations. Using these skills we will search for population subdivision and discuss how this can lead to speciation. Lectures will cover how the evolution of traits can be tracked using the comparative method. We will consider how studies of sex ratios, sexual selection, kin selection, game theory and quantitative genetics can illuminate the mechanisms by which animals have evolved, and explain why they behave as they do. We will then consider if these themes have any relevance to human sociobiology. The unit also covers the role of genetics in conservation. There will be a field trip to collect organisms for population genetic analysis. There will be plenty of opportunity in the student seminars to examine the more controversial aspects of modern evolutionary thought.

### BIOL3925

#### Evolutionary Gen. & Animal Behaviour Adv

**Credit points:** 6 **Teacher/Coordinator:** Prof B Oldroyd, A/Prof Beekman.  
**Session:** Semester 2 **Classes:** Two 1 hour lectures and up to 4 hours of laboratory per week. **Prerequisites:** Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802. **Prohibitions:** BIOL3025. **Assessment:** One 1.5 hour exam, assignments, seminar.

Qualified students will participate in alternative components of BIOL3025 Evolutionary Genetics and Animal Behaviour. The content and nature of these components may vary from year to year. Some assessment will be in an alternative format to components of BIOL3025.

### BIOL3026

#### Developmental Genetics

**Credit points:** 6 **Teacher/Coordinator:** Dr J Saleeba **Session:** Semester 2  
**Classes:** Two 1 hour lectures and up to 3 hours laboratory per week.  
**Prerequisites:** 12 credit points from MBLG (2071/2971) and MBLG (2072/2972). For BMedSc students: 36 credit points of Intermediate BMED units including

BMED2802. **Prohibitions:** BIOL3926 **Assessment:** One 2 hour exam, assignments.

This unit discusses current understanding of developmental genetics with emphasis on molecular genetics. The developmental genetics of model plants and animals will be investigated. In particular, the molecular genetics of vertebrate development, pattern formation and gene expression, the study of mutants in development, plant specific processes such as root formation and flowering, will be covered making reference to modern techniques such as transgenics, recombinant DNA technology, and tissue-specific expression analysis. Various methods of genetic mapping will be covered. Practical work complements the theoretical aspects and develops important genetical skills.

### BIOL3926

#### Developmental Genetics (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr J Saleeba **Session:** Semester 2  
**Classes:** Two 1 hour lectures and up to 3 hours of laboratory per week.  
**Prerequisites:** Distinction average in 12 credit points from MBLG (2071/2971), and MBLG (2072/2972). For BMedSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802. **Prohibitions:** BIOL3026  
**Assessment:** One 2 hour exam, assignments.

Qualified students will participate in alternative components to BIOL3026 Developmental Genetics. The content and nature of these components may vary from year to year. Some assessment will be in an alternative format to components of BIOL3026.

### BIOL3027

#### Bioinformatics and Genomics

**Credit points:** 6 **Teacher/Coordinator:** Dr N Firth **Session:** Semester 1  
**Classes:** Two 1 hour lectures and up to 3 hours laboratory per week.  
**Prerequisites:** 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including BMED 2802. **Prohibitions:** BIOL3927  
**Assessment:** One 2 hour exam, assignments

A unit of study comprising lectures, practical assignments and tutorials on the application of bioinformatics to the storage, retrieval and analysis of biological information, principally in the form of nucleotide and amino acid sequences. Although the main emphasis is on sequence data, other forms of biological information are considered. The unit begins with the assembly and management of nucleotide sequence data and an introduction to the databases that are normally used for the storage and retrieval of biological data, and continues with signal detection and analysis of deduced products, sequence alignment, and database search methods. Phylogenetic reconstruction based on distance-based methods, parsimony methods and maximum-likelihood methods is described and students are introduced to the idea of tree-space, phylogenetic uncertainty, and taught to evaluate phylogenetic trees and identify factors that will confound phylogenetic inference. Finally, whole genome analysis and comparative genomics are considered. The unit gives students an appreciation of the significance of bioinformatics in contemporary biological science by equipping them with skills in the use of a core set of programs and databases for "in silico" biology, and an awareness of the breadth of bioinformatics resources and applications.

### BIOL3927

#### Bioinformatics and Genomics (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr N Firth **Session:** Semester 1  
**Classes:** Two 1 hour lectures and one 3 hour laboratory per week.  
**Prerequisites:** Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802. **Prohibitions:** BIOL3027 **Assessment:** One 2 hour exam, assignments.

Qualified students will participate in alternative components of BIOL3027 Bioinformatics and Genomics. The content and nature of these components may vary from year to year. Some assessment will be in alternative format.

*Refer to the relevant sections of this handbook for details on the following Plant Science units of study*

PLNT3001 Plant Cell and Environment, PLNT3002 Plant Growth and Development, PLNT3003 Systematics and Evolution of Plants. (Plus advanced versions of the above - PLNT39xx).

## Biology Honours

A single Honours program in Biology accommodates students who have completed 24 credit points of Senior Biology Life Sciences units and have a minimum WAM of 65. Information about qualifications for entry into Honours is available from the School Office (Science Road Cottage, A10), or on the School of Biological Sciences website. During the honours year the principles established in the first three years of the undergraduate award course are further developed, and students are introduced to a wider field of biology and biological techniques. Students may elect to specialise in any of the aspects of biology that are studied in the School. Projects jointly supervised by staff in other Schools or Departments within the University may also be considered. Students who have indicated their intention of entering the Honours program will be notified of acceptance after the publication of the second semester Senior examination results. Honours students start their academic year in late January, or in July.

### The honours year comprises:

1. A project in which the student investigates a problem and presents oral and written accounts of his or her research.
2. A coursework unit – BIOL4015 Scientific Research in Biology, instruction in experimental design, and other technical training. The degree will be awarded on the basis of: (a) written assignments from coursework units; (b) marks awarded for a thesis on the subject of the project.

## Graduate Diploma in Science (Biology)

The Graduate Diploma program in Biology is available as a one year full-time or two year part-time course. The course is intended for students wishing to progress beyond a pass degree but not via the honours degree, or who are ineligible for admission to honours. Students enrolled in the one year course will follow the same program as Biology honours students and be assessed using similar criteria. Students may therefore elect to specialise in any area within the research interests of the School. Projects jointly supervised by staff in other Schools or Departments within the University may also be considered. Students undertaking the two year course (part-time) will follow the same curriculum but will satisfactorily complete the instructed elements of the course before progressing to the project element at the end of the first year. Students who have signified their intention to enter the Graduate Diploma program will be notified of acceptance after the publication of the second semester senior examination results. Graduate Diploma students are expected to start their academic year in late January, or in July. The composition of the Graduate Diploma course is identical to that for honours (see Biology Honours).

## Postgraduate study in Biology

MSc and PhD degrees by research are available in the School. On completion of an honours degree (at first or second class level), MSc Preliminary course or Graduate Diploma in Science, students may pursue candidature for MSc degrees by research. The range of research fields offered and the fields of each member of academic staff are listed on the School's website at [www.bio.usyd.edu.au](http://www.bio.usyd.edu.au).

## Cell Pathology

Cell Pathology is taught by the Discipline of Pathology, located on Level 5 of the Blackburn Building (phone 9351 2414). The discipline maintains a website to help students access information and resources: [www.pathology.usyd.edu.au](http://www.pathology.usyd.edu.au).

### CPAT3201

#### Pathogenesis of Human Disease 1

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Bob Bao **Session:** Semester 2  
**Classes:** Three 1 hour lectures and one 3 hour tutorial per week.  
**Prerequisites:** At least 6cp intermediate of one of the following: ANAT or BCHM

or MBLG or BIOL or HPSC or MICR or PCOL or PHSI, or as the head of department determines. **Assessment:** One 2 hour exam (60%), one major research essay (1500w) (20%) generation of detractors for MCQ stems with referenced support texts for these (20%).

The Pathogenesis of Human Disease 1 unit of study modules will provide a theoretical background to the scientific basis of the pathogenesis of disease. Areas covered in theoretical modules include: tissue responses to exogenous factors, adaptive responses to foreign agents, cardiovascular/pulmonary/gut responses to disease, forensic science, neuropathology and cancer.

The aim of the course is

- To give students an overall understanding of the fundamental biological mechanisms governing disease pathogenesis in human beings.
- To introduce to students basic concepts of the pathogenesis, natural history and complications of common human diseases.
- To demonstrate and exemplify differences between normality and disease.
- To explain cellular aspects of certain pathological processes.

Together with CPAT3202, the unit of study would be appropriate for those who intend to proceed to Honours research, to professional degrees or to careers in biomedical areas such as hospital science. Together with CPAT3202, it fulfils the Pathology requirements for the Centre for Chiropractic at Macquarie University.

#### Textbooks

Kumar, Cotran & Robbins. Robbins Basic Pathology, 7th edition. Saunders, 2003.

### CPAT3202

#### Pathogenesis of Human Disease 2

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Bob Bao **Session:** Semester 2 **Classes:** One 2 hour practical per week and one 2 hour museum practical. **Prerequisites:** At least 6cp intermediate of one of the following: ANAT or BCHM or MBLG or BIOL or HPSC or MICR or PCOL or PHSI, or as the head of department determines. **Corequisites:** CPAT3201 **Assessment:** One 2 hour exam (70%), Museum Practical Reports (30%).

The Pathogenesis of Human Disease 2 unit of study modules will provide a practical background to the scientific basis of the pathogenesis of disease. Areas covered in practical modules include disease specimen evaluation on a macroscopic and microscopic basis.

The aim of the course is

- To enable students to gain an understanding of how different organ systems react to injury and to apply basic concepts of disease processes.
  - To equip students with skills appropriate for careers in the biomedical sciences and for further training in research or professional degrees.
- At the end of the course students will:
- Have acquired practical skills in the use of a light microscope.
  - Have an understanding of basic investigative techniques for disease detection in pathology.
  - Be able to evaluate diseased tissue at the macroscopic and microscopic level.
  - Have the ability to describe, synthesise and present information on disease pathogenesis.
  - Transfer problem-solving skills to novel situations related to disease pathogenesis.

The unit of study would be appropriate for those who intend to proceed to Honours research, to professional degrees or to careers in biomedical areas such as hospital science. Together with CPAT3201, it fulfils the Pathology requirements for the Centre for Chiropractic at Macquarie University.

#### Textbooks

Kumar, Cotran & Robbins. Robbins Basic Pathology, 7th edition. Saunders, 2003.

## Chemical Engineering

The School of Chemical and Biomolecular Engineering is part of the Faculty of Engineering and Information Technologies. In addition to

providing professional training in this branch of engineering it offers CHNG1103 Introduction to Material and Energy Transformations to students enrolled in the Faculty of Science. Details regarding this unit of study can be obtained from the Faculty of Engineering and Information Technologies Handbook. This unit of study is intended to give a science student some insight into the principles which control the design and performance of large scale industrial processing plants. Faculty of Science students are invited to enrol in any other chemical engineering unit of study, provided they have the appropriate prerequisites and have consulted with the Head of School.

#### Advanced standing for Science students transferring to BEng(Chemical Engineering)

Science graduates may obtain up to two years advanced standing towards a Bachelor of Engineering degree in Chemical Engineering. Students wishing to undertake this option must seek academic advice from the School of Chemical and Biomolecular Engineering. Further details regarding admission to the BE in Chemical Engineering may be obtained from the Engineering and Information Technologies Faculty Office.

## Chemistry

### Junior units of study

The School of Chemistry offers a number of 6 credit point units of study to cater for the differing needs of students. These units of study are: CHEM1001 Fundamentals of Chemistry 1A, CHEM1002 Fundamentals of Chemistry 1B, CHEM1101 Chemistry 1A, CHEM1102 Chemistry 1B, CHEM1108 Chemistry 1 Life Sciences A, CHEM1109 Chemistry 1 Life Sciences B, CHEM1901 Chemistry 1A (Advanced), CHEM1902 Chemistry 1B (Advanced), CHEM1903 Chemistry 1A (Special Studies Program), CHEM 1904 Chemistry 1B (Special Studies Program).

#### Obtaining detailed information about units

Details on Chemistry Junior Units of Study is available at the Chemistry First Year website (<http://firstyear.chem.usyd.edu.au>). This information is also provided in a booklet: 'Information for Students', which is distributed to students at the time of enrolment, and is also available from the Chemistry First Year Office. The coordinator for all Junior Chemistry units of study is A/Prof Adam Bridgeman.

### CHEM1001

#### Fundamentals of Chemistry 1A

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. **Prohibitions:** CHEM1101, CHEM1901, CHEM1109, CHEM1903 **Assumed knowledge:** There is no assumed knowledge of chemistry for this unit of study, but students who have not undertaken an HSC chemistry course are strongly advised to complete a chemistry bridging course before lectures commence. **Assessment:** Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%) **Practical field work:** A series of 10 three-hour laboratory sessions, one per week for 10 weeks of the semester.

The aim of the unit of study is to provide those students whose chemical background is weak (or non-existent) with a good grounding in fundamental chemical principles together with an overview of the relevance of chemistry. There is no prerequisite or assumed knowledge for entry to this unit of study. Lectures: A series of 39 lectures, three per week throughout the semester.

#### Textbooks

A booklist is contained in the booklet Junior Chemistry distributed at enrolment. Further information can be obtained from the School.

### CHEM1002

#### Fundamentals of Chemistry 1B

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. **Prerequisites:** CHEM (1001 or 1101) or equivalent **Prohibitions:** CHEM1102, CHEM1108, CHEM1902, CHEM1904 **Assessment:** Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%) **Practical field work:** A series of 10 three-hour laboratory sessions, one per week for 10 weeks of the semester.

CHEM1002 builds on CHEM1001 to provide a sound coverage of inorganic and organic chemistry. Lectures: A series of 39 lectures, three per week throughout the semester.

#### Textbooks

A booklist is contained in the booklet Junior Chemistry distributed at enrolment. Further information can be obtained from the School.

### CHEM1101 Chemistry 1A

**Credit points:** 6 **Session:** Semester 1, Semester 2, Summer Main **Classes:** Three 1 hour lectures and one 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. **Corequisites:** Recommended concurrent units of study: 6 credit points of Junior Mathematics **Prohibitions:** CHEM1001, CHEM1109, CHEM1901, CHEM1903 **Assumed knowledge:** HSC Chemistry and Mathematics **Assessment:** Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%) **Practical field work:** A series of 10 three-hour laboratory sessions, one per week for 10 weeks of the semester.

Chemistry 1A is built on a satisfactory prior knowledge of the HSC Chemistry course. A brief revision of basic concepts of the high school course is given. Chemistry 1A covers chemical theory and physical chemistry. Lectures: A series of 39 lectures, three per week throughout the semester.

#### Textbooks

A booklist is contained in the booklet Junior Chemistry distributed at enrolment. Further information can be obtained from the School.

### CHEM1102 Chemistry 1B

**Credit points:** 6 **Session:** Semester 1, Semester 2, Summer Main **Classes:** One 3 hour lecture and 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. **Prerequisites:** CHEM (1101 or 1901) or a Distinction in CHEM1001 or equivalent **Corequisites:** Recommended concurrent units of study: 6 credit points of Junior Mathematics **Prohibitions:** CHEM1002, CHEM1108, CHEM1902, CHEM1904 **Assessment:** Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%) **Practical field work:** A series of 10 three-hour laboratory sessions, one per week for 10 weeks of the semester.

Chemistry 1B is built on a satisfactory prior knowledge of Chemistry 1A and covers inorganic and organic chemistry. Successful completion of Chemistry 1B is an acceptable prerequisite for entry into Intermediate Chemistry units of study. Lectures: A series of 39 lectures, three per week throughout the semester.

#### Textbooks

A booklist is contained in the booklet Junior Chemistry distributed at enrolment. Further information can be obtained from the School.

### CHEM1108 Chemistry 1A Life Sciences

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. **Corequisites:** Recommended concurrent units of study: 6 credit points of Junior Mathematics **Prohibitions:** CHEM1002, CHEM1102, CHEM1902, CHEM1904 **Assumed knowledge:** HSC Chemistry and Mathematics **Assessment:** Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%). **Practical field work:** A series of 10 three-hour laboratory sessions, one per week for 10 weeks of the semester.

*Note: This unit of study is available to students enrolled in the Bachelor of Medical Science, the Bachelor of Science (Molecular Biology and Genetics), the Bachelor of Science (Nutrition) and the Bachelor of Science (Molecular Biotechnology) only.*

Lectures (39 hrs): A strong background in junior chemistry is essential for understanding molecular structures and processes. This unit of study provides the basis for understanding fundamental chemical processes and structures at an advanced level, with particular emphasis on how these apply to the life sciences. Topics to be covered include: atomic structure, chemical bonding and organic chemistry of functional groups with applications in life sciences.

Tutorials (12 hrs): These will provide aspects of problem solving relevant to the theory.

#### Textbooks

A booklist is contained in the booklet Junior Chemistry distributed at enrolment. Further information can be obtained from the School.

### CHEM1109 Chemistry 1B Life Sciences

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. **Prerequisites:** CHEM1108 **Corequisites:** Recommended concurrent units of study: 6 credit points of Junior Mathematics **Prohibitions:** CHEM1001, CHEM1101, CHEM1901, CHEM1903 **Assessment:** Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%) **Practical field work:** A series of 10 three-hour laboratory sessions, one per week for 10 weeks of the semester.

*Note: This unit of study is available to students enrolled in the Bachelor of Medical Science, the Bachelor of Science (Molecular Biology and Genetics), the Bachelor of Science (Nutrition) and the Bachelor of Science (Molecular Biotechnology) only.*

Lectures (39 hrs): A strong background in junior chemistry is essential for understanding molecular structures and processes. This unit of study provides the basis for understanding fundamental chemical processes and structures at an advanced level, with particular emphasis on how these apply to the life sciences. Topics to be covered include: chemical equilibria, solutions, acids and bases, ions in solution, redox reactions, colloids and surface chemistry, the biological periodic table, chemical kinetics and radiochemistry with applications to life sciences.

Tutorials (12 hrs): These will provide aspects of problem solving relevant to the unit of study.

#### Textbooks

A booklist is contained in the booklet Junior Chemistry distributed at enrolment. Further information can be obtained from the School.

### CHEM1901 Chemistry 1A (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lecture and one 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. **Prerequisites:** UAI (or ATAR equivalent) of at least 95 and HSC Chemistry result in band 5 or 6, or Distinction or better in a University level Chemistry unit, or by invitation **Corequisites:** Recommended concurrent unit of study: 6 credit points of Junior Mathematics **Prohibitions:** CHEM1001, CHEM1101, CHEM1109, CHEM1903 **Assessment:** Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%) **Practical field work:** A series of 10 three-hour laboratory sessions, one per week for 10 weeks of the semester.

*Note: Department permission required for enrolment.*

Chemistry 1A (Advanced) is available to students with a very good HSC performance as well as a very good school record in chemistry or science. Students in this category are expected to do Chemistry 1A (Advanced) rather than Chemistry 1A.

The theory and practical work syllabuses for Chemistry 1A and Chemistry 1A (Advanced) are similar, though the level of treatment in the latter unit of study is more advanced, presupposing a very good grounding in the subject at secondary level. Chemistry 1A (Advanced) covers chemical theory and physical chemistry. Lectures: A series of about 39 lectures, three per week throughout the semester.

#### Textbooks

A booklist is contained in the booklet Junior Chemistry distributed at enrolment. Further information can be obtained from the School.

### CHEM1902 Chemistry 1B (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. **Prerequisites:** CHEM (1901 or 1903) or Distinction in CHEM1101 or equivalent **Corequisites:** Recommended concurrent unit of study: 6 credit points of Junior Mathematics **Prohibitions:** CHEM1002, CHEM1102, CHEM1108, CHEM1904 **Assessment:** Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%) **Practical field work:** A series of 10 three-hour laboratory sessions, one per week for 10 weeks of the semester.

*Note: Department permission required for enrolment.*

Chemistry 1B (Advanced) is built on a satisfactory prior knowledge of Chemistry 1A (Advanced) and covers inorganic and organic chemistry. Successful completion of Chemistry 1B (Advanced) is an acceptable prerequisite for entry into Intermediate Chemistry units of study. Lectures: A series of about 39 lectures, three per week throughout the semester.

#### Textbooks

A booklist is contained in the booklet Junior Chemistry distributed at enrolment. Further information can be obtained from the School.

### CHEM1903

#### Chemistry 1A (Special Studies Program)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lecture, one 1 hour tutorial per week and one 3 hour practical per week. **Prerequisites:** UAL (or ATAR equivalent) of at least 98.7 and HSC Chemistry result in Band 6 **Corequisites:** Recommended concurrent unit of study: 6 credit points of Junior Mathematics. **Prohibitions:** CHEM1001, CHEM1101, CHEM1109, CHEM1901 **Assessment:** Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%)

*Note: Department permission required for enrolment. Note: Entry is by invitation. This unit of study is deemed to be an Advanced unit of study.*

Entry to Chemistry 1A (Special Studies Program) is restricted to students with an excellent school record in Chemistry. The practical work syllabus for Chemistry 1A (Special Studies Program) is very different from that for Chemistry 1A and Chemistry 1A (Advanced) and consists of special project-based laboratory exercises. All other unit of study details are the same as those for Chemistry 1A (Advanced). A Distinction in Chemistry 1A (Special Studies Program) is an acceptable prerequisite for entry into Chemistry 1B (Special Studies Program).

### CHEM1904

#### Chemistry 1B (Special Studies Program)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lecture, one 1 hour tutorial per week and one 3 hour practical per week. **Prerequisites:** Distinction in CHEM1903 **Corequisites:** Recommended concurrent units of study: 6 credit points of Junior Mathematics. **Prohibitions:** CHEM1002, CHEM1102, CHEM1108, CHEM1902 **Assessment:** Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%)

*Note: Department permission required for enrolment. Note: Entry is by invitation. This unit of study is deemed to be an Advanced unit of study.*

Entry to Chemistry 1B (Special Studies Program) is restricted to students who have gained a Distinction in Chemistry 1A (Special Studies Program). The practical work syllabus for Chemistry 1B (Special Studies Program) is very different from that for Chemistry 1B and Chemistry 1B (Advanced) and consists of special project-based laboratory exercises. All other unit of study details are the same as those for Chemistry 1B (Advanced). Successful completion of Chemistry 1B (Special Studies Program) is an acceptable prerequisite for entry into Intermediate Chemistry units of study.

## Intermediate units of study

The School of Chemistry offers a number of units of study to cater for the differing needs and interests of students. The following 6 credit point units of study are offered: CHEM2401 Molecular Reactivity and Spectroscopy, CHEM2402 Chemical Structure and Stability, CHEM2403 Chemistry of Biological Molecules, CHEM2404 Forensic and Environmental Chemistry, CHEM2911 Molecular Reactivity and Spectroscopy (Adv), CHEM2912 Chemical Structure and Stability (Adv), CHEM2915 Molecular Reactivity and Spectroscopy (SSP), CHEM2916 Chemical Structure and Stability (SSP). Note: The core Intermediate Chemistry units CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916) are prerequisites for all Senior Chemistry units of study.

### CHEM2401

#### Molecular Reactivity and Spectroscopy

**Credit points:** 6 **Teacher/Coordinator:** Dr P J Rutledge **Session:** Semester 1 **Classes:** Three 1 hour lectures per week, seven 1 hour tutorials per semester, eight 4 hour practicals per semester. **Prerequisites:** CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior Mathematics. **Prohibitions:** CHEM2001, CHEM2101, CHEM2301, CHEM2311, CHEM2502, CHEM2901, CHEM2903, CHEM2911, CHEM2915. **Assessment:** One 3 hour examination, quizzes, lab reports

*Note: This is a required chemistry unit of study for students intending to major in chemistry.*

This is one of the two core units of study for students considering majoring in chemistry, and for students of other disciplines who wish to acquire a good general background in chemistry. The unit considers

fundamental questions of molecular structure, chemical reactivity, and molecular spectroscopy: What are chemical reactions and what makes them happen? How can we follow and understand them? How can we exploit them to make useful molecules? This course includes the organic and medicinal chemistry of aromatic compounds, organic reaction mechanisms, vibrational and electronic spectroscopy and their applications, quantum chemistry, and molecular orbital theory.

### CHEM2911

#### Molecular Reactivity & Spectroscopy Adv

**Credit points:** 6 **Teacher/Coordinator:** Dr P J Rutledge **Session:** Semester 1 **Classes:** Three 1 hour lectures per week, seven 1 hour tutorials per semester and eight 4 hour practicals per semester. **Prerequisites:** Credit average or better in CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior Mathematics. **Prohibitions:** CHEM2001, CHEM2101, CHEM2301, CHEM2311, CHEM2401, CHEM2502, CHEM2901, CHEM2903, CHEM2915. **Assessment:** One 3 hour examination, quizzes, lab reports.

The syllabus for this unit is the same as that of CHEM2401 together with special Advanced material presented in the theory and practical programs. The lectures cover fundamental consideration of molecular electronic structure and its role in molecular reactivity and spectroscopy and include applications of spectroscopy, the organic chemistry of aromatic systems, molecular orbital theory and quantum chemistry.

### CHEM2915

#### Molecular Reactivity & Spectroscopy SSP

**Credit points:** 6 **Teacher/Coordinator:** Dr P J Rutledge **Session:** Semester 1 **Classes:** Three 1 hour lectures per week, twelve 1 hour SSP seminars per semester, eight 4 hour practicals per semester. **Prerequisites:** By invitation. High WAM and a Distinction average in CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior Mathematics. **Prohibitions:** CHEM2001, CHEM2101, CHEM2301, CHEM2311, CHEM2401, CHEM2502, CHEM2901, CHEM2903, CHEM2911. **Assessment:** One 3 hour examination, quizzes, assignments, lab reports.

*Note: Department permission required for enrolment. Note: The number of places in this unit of study is strictly limited and entry is by invitation only. Enrolment is conditional upon available places.*

The lectures for this unit comprise the lectures for CHEM2401 and the Advanced practical program together with additional SSP seminars. Two streams of SSP seminars are offered: Series One comprises three seminar series on state of the art topics in chemistry (in 2009, these included Advanced Kinetics, Quantum Theory and Palladium in organic synthesis), Series Two is devoted to Advanced Theoretical Chemistry.

### CHEM2402

#### Chemical Structure and Stability

**Credit points:** 6 **Teacher/Coordinator:** Dr P J Rutledge **Session:** Semester 2 **Classes:** Three 1 hour lectures per week, seven 1 hour tutorials per semester, eight 4 hour practicals per semester. **Prerequisites:** CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior of Mathematics. **Prohibitions:** CHEM2202, CHEM2302, CHEM2902, CHEM2912, CHEM2916. **Assessment:** One 3 hour examination, quizzes, lab reports

*Note: This is a required chemistry unit of study for students intending to major in chemistry.*

This is the second core unit of study for students considering majoring in chemistry, and for students seeking a good general background in chemistry. The unit continues the consideration of molecular structure and chemical reactivity. Topics include the structure and bonding of inorganic compounds, the properties of metal complexes, statistical thermodynamics, the organic chemistry of carbonyl compounds and organometallic reagents, and the art of synthesis.

### CHEM2912

#### Chemical Structure and Stability (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr P J Rutledge **Session:** Semester 2 **Classes:** Three 1 hour lectures per week, seven 1 hour tutorials per semester, eight 4 hour practicals per semester. **Prerequisites:** Credit average or better in CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior Mathematics. **Prohibitions:** CHEM2202, CHEM2302, CHEM2402, CHEM2902, CHEM2916. **Assessment:** One 3 hour examination, quizzes, lab reports.

The syllabus for this unit is the same as that of CHEM2402 together with special Advanced material presented in the theory and practical programs. The lectures include the properties of inorganic compounds and complexes, statistical thermodynamics, the chemistry of carbonyls, nucleophilic organometallic reagents, and synthetic methods.

### CHEM2916

#### Chemical Structure and Stability (SSP)

**Credit points:** 6 **Teacher/Coordinator:** Dr P J Rutledge **Session:** Semester 2 **Classes:** Three 1 hour lectures per week, twelve 1 hour SSP seminars per semester, eight 4 hour practicals per semester. **Prerequisites:** By invitation. High WAM and a Distinction average in CHEM (1101 or 1901 or 1903 or 1907 or 1908 or 1108) and CHEM (1102 or 1902 or 1904 or 1909 or 1109), 6 credit points of Junior Mathematics. **Prohibitions:** CHEM2202, CHEM2302, CHEM2402, CHEM2902, CHEM2912. **Assessment:** One 3 hour examination, quizzes, assignments, lab reports.

*Note: Department permission required for enrolment. Note: The number of places in this unit of study is strictly limited and entry is by invitation only. Enrolment is conditional upon available places.*

The lectures for this unit comprise the lectures for CHEM2402 and the Advanced practical program together with additional SSP seminars comprising three seminar series on state of the art topics in chemistry (in 2009, these included molecular nanomaterials and organofluorine chemistry).

### CHEM2404

#### Forensic and Environmental Chemistry

**Credit points:** 6 **Teacher/Coordinator:** Dr P J Rutledge **Session:** Semester 1 **Classes:** Three 1 hour lectures per week, six 1 hour tutorials and five 4 hour practical sessions per semester. **Prerequisites:** 12 credit points of Junior Chemistry; 6 credit points of Junior Mathematics **Prohibitions:** CHEM3107, CHEM3197 **Assessment:** One 3 hour examination, quizzes, lab reports.

*Note: To enrol in Senior Chemistry students are required to have completed CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). Students are advised that combinations of Intermediate Chemistry units that do not meet this requirement will generally not allow progression to Senior Chemistry.*

The identification of chemical species and quantitative determination of how much of each species is present are the essential first steps in solving all chemical puzzles. In this course students learn analytical techniques and chemical problem solving in the context of forensic and environmental chemistry. The lectures on environmental chemistry will cover two main topics: atmospheric chemistry (covering air pollution, global warming and ozone depletion), and water and soil chemistry (including bio-geochemical cycling, chemical speciation, catalysis and green chemistry). The forensic component of the course examines the gathering and analysis of evidence, using a variety of chemical techniques, and the development of specialised forensic techniques in the analysis of trace evidence. Students will also study forensic analyses of inorganic, organic and biological materials (dust, soil, inks, paints, documents, etc) in police, customs and insurance investigations and learn how a wide range of techniques are used to examine forensic evidence.

### CHEM2403

#### Chemistry of Biological Molecules

**Credit points:** 6 **Teacher/Coordinator:** Dr P J Rutledge **Session:** Semester 2 **Classes:** Three 1 hour lectures per week, six 1 hour tutorials per semester, five 4 hour practical sessions per semester. **Prerequisites:** 12 credit points of Junior Chemistry, 6 credit points of Junior Mathematics. **Prohibitions:** CHEM2001, CHEM2901, CHEM2311, CHEM2903, CHEM2913. **Assessment:** One 3 hour examination, quizzes, lab reports

*Note: To enrol in Senior Chemistry, students are required to have completed CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). Students are advised that combinations of Intermediate Chemistry units that do not meet this requirement will generally not allow progression to Senior Chemistry.*

Life is chemistry, and this unit of study examines the key chemical processes that underlie all living systems. Lectures cover the chemistry of carbohydrates, lipids and DNA, the mechanisms of organic and biochemical reactions that occur in biological systems, chemical analysis of biological systems, the inorganic chemistry of metalloproteins, biomineralisation, biopolymers and biocolloids, and the application of spectroscopic techniques to biological systems. The practical course includes the chemical characterisation of biopolymers, experimental investigations of iron binding proteins, organic and

inorganic chemical analysis, and the characterisation of anti-inflammatory drugs.

## Senior units of study

The School of Chemistry offers a choice of 6 credit point units of study to cater for the differing needs and interests of students. Each unit involves two lectures and 4 hours of lab each week.

### CHEM3110

#### Biomolecules: Properties and Reactions

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). **Prohibitions:** CHEM3910 **Assessment:** One 2 hour exam, prac reports.

DNA, proteins and carbohydrates represent three classes of essential biomolecules present in all biological systems. This unit will cover the structure, reactivity and properties of biomolecules and the building blocks from which these molecules are assembled, their interactions with metal ions and small molecules, and highlight the chemical tools used to study the behaviour of biomolecules. The final section of the unit will illustrate how chemists apply the same principles used by nature in these systems to produce molecular sensors and switches for applications in medicine and industry.

### CHEM3910

#### Biomolecules: Properties & Reactions Adv

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures, one 1 hour seminar and one 4 hour practical per week. **Prerequisites:** WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). **Prohibitions:** CHEM3110 **Assessment:** One 2 hour exam, prac reports.

DNA, proteins and carbohydrates represent three classes of essential biomolecules present in all biological systems. This unit will cover the structure, reactivity and properties of biomolecules and the building blocks from which these molecules are assembled, their interactions with metal ions and small molecules, and highlight the chemical tools used to study the behaviour of biomolecules. The final section of the unit will illustrate how chemists apply the same principles used by nature in these systems to produce molecular sensors and switches for applications in medicine and industry. CHEM3910 students attend the same lectures as CHEM3110 students but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.

### CHEM3111

#### Organic Structure and Reactivity

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). **Prohibitions:** CHEM3911 **Assessment:** One 2 hour exam, prac reports.

The structure and shape of organic molecules determines their physical properties, their reaction chemistry as well as their biological/medicinal activity. The determination of this structure and understanding its chemical consequences is of fundamental importance in chemistry, biochemistry, medicinal and materials chemistry. This course examines the methods and techniques used to establish the structure of organic molecules as well as the chemistry which dictates the shapes that they adopt. The first part of the course examines the use of modern spectroscopic methods (nuclear magnetic resonance spectroscopy, infrared spectroscopy and mass spectroscopy) which are used routinely to identify organic compounds. The second part of the course examines the chemical consequences of molecular shapes in more depth and looks at how different molecular shapes arise as a consequence of the mechanism of chemical reactions used to synthesise them.

### CHEM3911

#### Organic Structure and Reactivity (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures, one 1 hour seminar and one 4 hour practical per week. **Prerequisites:** WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). **Prohibitions:** CHEM3111 **Assessment:** One 2 hour exam, prac reports.

The structure and shape of organic molecules determines their physical properties, their reaction chemistry as well as their biological/medicinal activity. The determination of this structure and understanding its chemical consequences is of fundamental importance in chemistry, biochemistry, medicinal and materials chemistry. This course examines the methods and techniques used to establish the structure of organic molecules as well as the chemistry which dictates the shapes that they adopt. The first part of the course examines the use of modern spectroscopic methods (nuclear magnetic resonance spectroscopy, infrared spectroscopy and mass spectroscopy) which are used routinely to identify organic compounds. The second part of the course examines the chemical consequences of molecular shapes in more depth and looks at how different molecular shapes arise as a consequence of the mechanism of chemical reactions used to synthesize them. CHEM3911 students attend the same lectures as CHEM3111 students, but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.

### CHEM3112

#### Materials Chemistry

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). **Prohibitions:** CHEM3912 **Assessment:** One 2 hour exam, written assignments, prac reports.

This course concerns the inorganic chemistry of solid-state materials: compounds that possess 'infinite' bonding networks. The extended structure of solid materials gives rise to a wide range of important chemical, mechanical, electrical, magnetic and optical properties. Consequently such materials are of enormous technological significance as well as fundamental curiosity. In this course you will learn how chemistry can be used to design and synthesise novel materials with desirable properties. The course will start with familiar molecules such as C60 and examine their solid states to understand how the nature of chemical bonding changes in the solid state, leading to new properties such as electronic conduction. This will be the basis for a broader examination of how chemistry is related to structure, and how structure is related to properties such as catalytic activity, mechanical strength, magnetism, and superconductivity. The symmetry of solids will be used explain how their structures are classified, how they can transform between related structures when external conditions such as temperature, pressure and electric field are changed, and how this can be exploited in technological applications such as sensors and switches. Key techniques used to characterise solid-state materials will be covered, particularly X-ray diffraction, microscopy, and physical property measurements.

### CHEM3912

#### Materials Chemistry (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures, one 1 hour seminar and one 4 hour practical per week. **Prerequisites:** WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). **Prohibitions:** CHEM3112 **Assessment:** One 2 hour exam, written assignments, prac reports.

This course concerns the inorganic chemistry of solid-state materials: compounds that possess 'infinite' bonding networks. The extended structure of solid materials gives rise to a wide range of important chemical, mechanical, electrical, magnetic and optical properties. Consequently, such materials are of enormous technological significance as well as fundamental curiosity. In this course you will learn how chemistry can be used to design and synthesise novel materials with desirable properties. The course will start with familiar molecules such as C60 and examine their solid states to understand how the nature of chemical bonding changes in the solid state, leading to new properties such as electronic conduction. This will be the basis for a broader examination of how chemistry is related to structure, and how structure is related to properties such as catalytic activity, mechanical strength, magnetism, and superconductivity. The symmetry of solids will be used explain how their structures are classified, how they can transform between related structures when external conditions such as temperature, pressure and electric field are changed, and how this can be exploited in technological applications

such as sensors and switches. Key techniques used to characterise solid-state materials will be covered, particularly X-ray diffraction, microscopy, and physical property measurements. CHEM3912 students attend the same lectures as CHEM3112 students, but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.

### CHEM3113

#### Catalysis and Sustainable Processes

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). **Prohibitions:** CHEM3913 **Assessment:** One 2 hour exam, written assignments, prac reports.

Almost 90% of manufactured chemicals (from fuels through polymers to drugs) involve at least one catalytic step in their production. Catalysis by enzymes is fundamental to all chemical pathways in living things. This course provides the foundation for a molecular-scale understanding of even the most complex catalysts. It begins by showing how organometallic fundamentals can be used to understand and design transition-metal catalysts. Making use of these concepts, the chemistry involved in surface catalysts will be examined. The course will address two main applications of catalysis. Synthetic polymers (plastics, woven materials, films, coatings, etc.) are the most ubiquitous and diverse of modern materials. These are synthesized by a range of catalytic processes, whose chemistry will be described. It will be shown how the mechanisms of these reactions in turn control the molecular weights of the resulting polymers, as well as other aspects of molecular architecture such as degree of branching. The other major application is the use of porous solids (zeotypes) as acid/base and redox catalysts. Confinement-induced selectivity changes are discussed and related to similar phenomena in enzymatic catalysis. In both applications students will also examine the overall process and look at the reasons behind choice of product, catalyst and reaction design with a specific focus on economy and environmental sustainability.

### CHEM3913

#### Catalysis and Sustainable Process (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures, one 1 hour seminar and one 4 hour practical per week. **Prerequisites:** WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). **Prohibitions:** CHEM3113 **Assessment:** One 2 hour exam, written assignments, prac reports.

Almost 90% of manufactured chemicals (from fuels through polymers to drugs) involve at least one catalytic step in their production. Catalysis by enzymes is fundamental to all chemical pathways in living things. This course provides the foundation for a molecular-scale understanding of even the most complex catalysts. It begins by showing how organometallic fundamentals can be used to understand and design transition-metal catalysts. Making use of these concepts, the chemistry involved in surface catalysts will be examined. The course will address two main applications of catalysis. Synthetic polymers (plastics, woven materials, films, coatings, etc.) are the most ubiquitous and diverse of modern materials. These are synthesized by a range of catalytic processes, whose chemistry will be described. It will be shown how the mechanisms of these reactions in turn control the molecular weights of the resulting polymers, as well as other aspects of molecular architecture such as degree of branching. The other major application is the use of porous solids (zeotypes) as acid/base and redox catalysts. Confinement-induced selectivity changes are discussed and related to similar phenomena in enzymatic catalysis. In both applications students will also examine the overall process and look at the reasons behind choice of product, catalyst and reaction design with a specific focus on economy and environmental sustainability. CHEM3913 students attend the same lectures as CHEM3113 students, but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.

**CHEM3114****Metal Complexes: Medicine and Materials**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916) **Prohibitions:** CHEM3914 **Assessment:** One 2 hour exam, written assignments, prac reports.

Coordination compounds, with bonds between a central metal atom and surrounding ligands, play critical roles in biology, biochemistry and medicine, controlling the structure and function of many enzymes and their metabolism. They play similarly vital roles in many industrial processes and in the development of new materials with specifically designed properties. Building on the foundation of crystal field theory, this course offers a comprehensive treatment of the structures and properties of coordination compounds, with a qualitative molecular orbital description of metal-ligand bonds, and their spectroscopic, magnetic and dynamic effects. The exploitation of these properties in medicine and materials will be emphasized.

**CHEM3914****Metal Complexes: Medic. & Mater. (Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures, one 1 hour seminar and one 4 hour practical per week. **Prerequisites:** WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). **Prohibitions:** CHEM3114 **Assessment:** One 2 hour exam, written assignments, prac reports.

Coordination compounds, with bonds between a central metal atom and surrounding ligands, play critical roles in biology, biochemistry and medicine, controlling the structure and function of many enzymes and their metabolism. They play similarly vital roles in many industrial processes and in the development of new materials with specifically designed properties. Building on the foundation of crystal field theory, this course offers a comprehensive treatment of the structures and properties of coordination compounds, with a qualitative molecular orbital description of metal-ligand bonds, and their spectroscopic, magnetic and dynamic effects. The exploitation of these properties in medicine and materials will be emphasized. CHEM3914 students attend the same lectures as CHEM3114 students, but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.

**CHEM3115****Synthetic Medicinal Chemistry**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916) **Prohibitions:** CHEM3915 **Assessment:** One 2 hour exam, written assignments, prac reports.

The development of new pharmaceuticals fundamentally relies on the ability to design and synthesize new compounds. Synthesis is an enabling discipline for medicinal chemistry - without it, the development of new drugs cannot progress from design to implementation, and ultimately to a cure. This unit will tackle important factors in drug design, and will highlight the current arsenal of methods used in the discovery of new drugs, including rational drug design, high throughput screening and combinatorial chemistry. We will develop a logical approach to planning a synthesis of a particular target structure. The synthesis and chemistry of heterocycles, which comprise some 40% of all known organic compounds and are particularly common in pharmaceuticals, will be outlined. Examples will include important ring systems present in biological systems, such as pyrimidines and purines (DNA and RNA), imidazole and thiazole (amino acids and vitamins) and porphyrins (natural colouring substances and oxygen carrying component of blood). Throughout the course, the utility of synthesis in medicinal chemistry will be illustrated with case studies such as anti-influenza (Relenza), anaesthetic (benzocaine), anti-inflammatory (Vioxx), antihypertensive (pinacidil) and cholesterol-lowering (Lovastatin) drugs.

**CHEM3915****Synthetic Medicinal Chemistry (Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures, one 1 hour seminar and one 4 hour practical per week. **Prerequisites:** WAM of 65 or

greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). **Prohibitions:** CHEM3115 **Assessment:** One 2 hour exam, written assignments, prac reports.

The development of new pharmaceuticals fundamentally relies on the ability to design and synthesize new compounds. Synthesis is an enabling discipline for medicinal chemistry - without it, the development of new drugs cannot progress from design to implementation, and ultimately to a cure. This unit will tackle important factors in drug design, and will highlight the current arsenal of methods used in the discovery of new drugs, including rational drug design, high throughput screening and combinatorial chemistry. We will develop a logical approach to planning a synthesis of a particular target structure. The synthesis and chemistry of heterocycles, which comprise some 40% of all known organic compounds and are particularly common in pharmaceuticals, will be outlined. Examples will include important ring systems present in biological systems, such as pyrimidines and purines (DNA and RNA), imidazole and thiazole (amino acids and vitamins) and porphyrins (natural colouring substances and oxygen carrying component of blood). Throughout the course, the utility of synthesis in medicinal chemistry will be illustrated with case studies such as anti-influenza (Relenza), anaesthetic (benzocaine), anti-inflammatory (Vioxx), antihypertensive (pinacidil) and cholesterol-lowering (Lovastatin) drugs. CHEM3915 students attend the same lectures as CHEM3115 students, but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.

**CHEM3116****Membranes, Self Assembly and Surfaces**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916) **Prohibitions:** CHEM3916 **Assessment:** One 2 hour exam, written assignments, prac reports.

Away from the covalent and ionic interactions that hold molecules and solids together is the world of fragile objects - folded polymers, membranes, surface adsorption and stable molecular aggregates - held together by weak forces such as van der Waals and the hydrophobic effect. The use of molecules rather than atoms as building blocks means that there are an enormous number of possibilities for stable aggregates with interesting chemical, physical and biological properties, many of which still wait to be explored. In this course we will examine the molecular interactions that drive self assembly and the consequences of these interactions in supramolecular assembly, lipid membrane formations and properties, microemulsions, polymer conformation and dynamics and range of fundamental surface properties including adhesion, wetting and colloidal stability.

**CHEM3916****Membranes, Self Assembly & Surfaces(Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures, one 1 hour seminar and one 4 hour practical per week. **Prerequisites:** WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). **Prohibitions:** CHEM3116 **Assessment:** One 2 hour exam, written assignments, prac reports.

Away from the covalent and ionic interactions that hold molecules and solids together is the world of fragile objects - folded polymers, membranes, surface adsorption and stable molecular aggregates - held together by weak forces such as van der Waals and the hydrophobic effect. The use of molecules rather than atoms as building blocks means that there are an enormous number of possibilities for stable aggregates with interesting chemical, physical and biological properties, many of which still wait to be explored. In this course we examine the molecular interactions that drive self assembly and the consequences of these interactions in supramolecular assembly, lipid membrane formations and properties, microemulsions, polymer conformation and dynamics and range of fundamental surface properties including adhesion, wetting and colloidal stability. CHEM3916 students attend the same lectures as CHEM3116 students, but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.



**CHEM3117****Molecular Spectroscopy & Quantum Theory**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916) **Prohibitions:** CHEM3917 **Assessment:** One 2 hour exam, written assignments, prac reports.

This course will cover the fundamentals of molecular spectroscopy as a modern research tool and as a theoretical basis with which to understand everyday phenomena. This course is aimed at students who wish to acquire a rigorous understanding of the interaction between light and matter. The course teaches the quantum theory needed to understand spectroscopic phenomena (such as the absorption of light) without the need for difficult mathematics. This low level theory is used as a tool with which to understand models of everyday phenomena. The course teaches application and theory, with descriptions of applied spectroscopic techniques. Alongside the coverage of modern spectroscopy, the course provides an accessible treatment of the science behind vision, flames, solar cells and photochemical smog.

**CHEM3917****Mol. Spectroscopy & Quantum Theory (Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures, one 1 hour seminar and one 4 hour practical per week. **Prerequisites:** WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). **Prohibitions:** CHEM3117 **Assessment:** One 2 hour exam, written assignments, prac reports.

This course will cover the fundamentals of molecular spectroscopy as a modern research tool and as a theoretical basis with which to understand everyday phenomena. This course is aimed at students who wish to acquire a rigorous understanding of the interaction between light and matter. The course teaches the quantum theory needed to understand spectroscopic phenomena (such as the absorption of light) without the need for difficult mathematics. This low level theory is used as a tool with which to understand models of everyday phenomena. The course teaches application and theory, with descriptions of applied spectroscopic techniques. Alongside the coverage of modern spectroscopy, the course provides an accessible treatment of the science behind vision, flames, solar cells and photochemical smog. CHEM3917 students attend the same lectures as CHEM3117 students, but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.

**Chemistry Honours**

The honours program in the School of Chemistry gives students the opportunity to get involved in a research program in an area that is of interest to them. It provides training in research techniques and experience using modern research instrumentation. The honours program adds a new dimension to the skills that the students have acquired during their undergraduate years and enhances their immediate employment prospects and, more significantly, their future career potential. All students with a sound record in Chemistry are encouraged to apply for entry to the honours program. The School of Chemistry offers a wide range of possible projects in all areas of contemporary chemistry including Biological and Medicinal Chemistry, Synthesis and Catalysis, Physical and Theoretical Chemistry, Supramolecular Chemistry, Polymers and Colloids and Chemical Spectroscopy. Details of available projects are contained in the School's Honours Booklet that is available from the School's Information Desk. In the honours year, each student undertakes a research project under the supervision of a member of staff; writes a thesis which explains the problem; outlines the research undertaken and the results obtained; attends advanced lecture courses, normally given by leaders in their field from overseas or Australia; attends research seminars and undertakes additional written assessment. Further information is available from the Honours Coordinator, or at [www.chem.usyd.edu.au/future/honours.html](http://www.chem.usyd.edu.au/future/honours.html).

**Civil Engineering**

The School of Civil Engineering is part of the Faculty of Engineering and Information Technologies. In addition to providing professional training in this branch of engineering it offers units of study to students enrolled in the Faculty of Science majoring in Mathematics, Physics, Chemistry, Geology, Computer Science or Soil Science. The most relevant units of study are CIVL2201 - Structural Mechanics, CIVL2230 - Introduction to Structural Concepts and Design, CIVL2410 Soil Mechanics, and CIVL2611 Fluid Mechanics. Details regarding these units of study can be obtained from the Faculty of Engineering and Information Technologies Handbook. These units of study are intended first to demonstrate the application of scientific principles in an engineering context. The second intention is to introduce the application of this understanding to analysis and design in civil engineering. As well as the above units of study, Faculty of Science students are invited to enrol in other civil engineering units of study, provided they have the appropriate pre-requisites and assumed knowledge.

**Double Degree**

BSc graduates, who have passed all four of the above four units of study within the School of Civil Engineering, may obtain a Bachelor of Engineering degree in Civil Engineering after an additional two years' study, following the award of the BSc. Students wishing to undertake this option must apply through UAC and compete on the basis of academic merit. Prospective students are advised to discuss their plans with the School of Civil Engineering before enrolment. Further details regarding admission to the BE in Civil Engineering may be obtained from the Engineering Faculty Office in the Engineering and Information Technologies Faculty Building.

**Computational Science**

*Coordinator*

Dr Mike Wheatland

**Junior units of study****COSC1001****Computational Science in Matlab**

**Credit points:** 3 **Session:** Semester 2 **Classes:** One 1 hour lecture and one 2 hour practical per week. **Prohibitions:** COSC1901 **Assumed knowledge:** HSC Mathematics **Assessment:** One assignment, practical work, including practical exams, theory exam.

This unit of study focuses on scientific problem solving and data visualisation using computers and is complementary to COSC1002. Students will learn how to solve problems arising in the natural sciences and mathematics using core features of the problem solving environment MATLAB, with a choice of problems from various areas of science at each stage. Emphasis will be placed on graphical display and visualisation of data and solutions to problems. No previous knowledge of programming is assumed.

**COSC1901****Computational Science in Matlab (Adv)**

**Credit points:** 3 **Session:** Semester 2 **Classes:** One 1 hour lecture and one 2 hour practical per week. **Prerequisites:** UAI (or ATAR equivalent) of at least 90, or COSC1902, or a distinction or better in COSC1002, INFO1003 or INFO1903. **Prohibitions:** COSC1001 **Assumed knowledge:** HSC Mathematics **Assessment:** One assignment, practical work, including practical exams, theory exam.

This unit of study is the advanced version of COSC1001 and is complementary to COSC1902. The subject matter is very similar but more challenging problems will be covered and some additional programming and visualisation techniques will be used.

**COSC1002****Computational Science in C**

**Credit points:** 3 **Session:** Semester 2 **Classes:** One 1 hour lecture and one 2 hour practical per week. **Prohibitions:** COSC1902 **Assumed knowledge:**

## 6. Science units of study

HSC Mathematics **Assessment:** One assignment, practical work, including practical exams, theory exam.

This unit of study focuses on scientific problem-solving using computers and is complementary to COSC1001. Students will learn how to solve problems arising in the natural sciences and mathematics using core features of the language C, with a choice of problems from various areas of science at each stage. No previous knowledge of programming is assumed.

### COSC1902

#### Computational Science in C (Adv)

**Credit points:** 3 **Session:** Semester 2 **Classes:** One 1 hour lecture and one 2 hour practical per week. **Prerequisites:** UAI (or ATAR equivalent) of at least 90, or COSC1901, or a distinction or better in COSC1001, INFO1003 or INFO1903. **Prohibitions:** COSC1002 **Assumed knowledge:** HSC Mathematics **Assessment:** One assignment, practical work, including practical exams, theory exam.

This unit of study is the advanced version of COSC1002 and is complementary to COSC1901. The subject matter is very similar, but more challenging problems will be covered and some additional programming techniques will be used.

## Senior units of study

For a major in Computational Science, the minimum requirement is 24 credit points chosen from the core or elective senior units of study listed for this subject area, of which at least 12 credit points must be from the following core senior units of study: COSC3011 Scientific Computing; COSC3911 Scientific Computing (Advanced); MATH3076 Mathematical Computing\*; MATH3976 Mathematical Computing (Advanced)\*. For Senior elective units see Table 1.

### Notes

\* Refer to Mathematics listing in this chapter for descriptions of these units of study. Senior elective units of study for a major in Computational Science are listed in Table 1 in chapter 3.

### COSC3011

#### Scientific Computing

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 3 hour practical per week. **Prerequisites:** 12 credit points chosen from Junior Mathematics and Statistics, 12 credit points of Intermediate units in Science subject areas. **Prohibitions:** COSC3911, COSC3001, COSC3901, PHYS3301, PHYS3901 **Assumed knowledge:** Programming experience in MATLAB **Assessment:** Assignments, lab, project work and written exam

This unit of study provides a senior-level treatment of scientific problem solving using computers. Students will understand and apply a wide range of numerical schemes for solving ordinary and partial differential equations. Linear algebra is used to provide detailed insight into stability analysis, relaxation methods, and implicit integration. A variety of scientific problems are considered, including planetary motion, population demographics, heat diffusion, traffic flow and quantum mechanics. All coding is performed with MATLAB, and basic programming experience is assumed.

### Textbooks

Garcia, AL. Numerical Methods for Physics, 2nd Edition.

### COSC3911

#### Scientific Computing (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 3 hour practical per week. **Prerequisites:** 12 credit points chosen from Junior Mathematics and Statistics, 12 credit points of Intermediate units in Science subject areas with a credit average. **Prohibitions:** COSC3011, COSC3001, COSC3901, PHYS3301, PHYS3901 **Assumed knowledge:** Programming experience in MATLAB **Assessment:** Assignments, lab, project work and written exam

This unit is the Advanced version of COSC3011. The subject matter is very similar, but more challenging problems will be covered.

### Textbooks

Garcia, AL. Numerical Methods for Physics, 2nd Edition.

### MATH3076

#### Mathematical Computing

**Credit points:** 6 **Teacher/Coordinator:** Dr D J Ivers **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour laboratory per week. **Prerequisites:** 12 credit points of Intermediate Mathematics and one of MATH(1001 or 1003 or 1901 or 1903 or 1906 or 1907) **Prohibitions:** MATH3976, MATH3016, MATH3916 **Assessment:** One 2 hour exam, assignments, quizzes

This unit of study provides an introduction to Fortran 95 programming and numerical methods. Topics covered include computer arithmetic and computational errors, systems of linear equations, interpolation and approximation, solution of nonlinear equations, quadrature, initial value problems for ordinary differential equations and boundary value problems.

### MATH3976

#### Mathematical Computing (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr D J Ivers **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics and one of MATH(1903 or 1907) or Credit in MATH1003 **Prohibitions:** MATH3076, MATH3016, MATH3916 **Assessment:** One 2 hour exam, assignments, quizzes

See entry for MATH3076 Mathematical Computing.

## Electrical Engineering

The School of Electrical and Information Engineering is part of the Faculty of Engineering and Information Technologies. In addition to providing professional training in this branch of engineering it offers many units of study that are available to students enrolled in the Faculty of Science. Details regarding these units of study can be obtained from the Faculty of Engineering and Information Technologies Handbook or from the school website: [www.ee.usyd.edu.au/ugrad](http://www.ee.usyd.edu.au/ugrad)

## Double Degree

Science graduates may obtain up to two years advanced standing towards a Bachelor of Engineering degree in Computer, Electrical, Software or Telecommunications Engineering. Students wishing to undertake this option must seek academic advice from the School of Electrical and Information Engineering. Further details regarding admission to the BE may be obtained from the Engineering and Information Technologies Faculty Office. The School of Engineering is located in Building J03.

## Environmental Science

Environmental Science is an applied interdisciplinary field concerned with the environment around us, regardless of whether it is natural or human-made, and how we can utilize or manage it for our benefit. It draws on a wide range of science-based disciplines and applications, from ecology to solar power, analytical chemistry to geomorphology. Environmental Science is also concerned with the social issues involved, including environmental law and policy, sustainability, resource economics, urban planning, and environmental ethics. Environmental scientists and managers need to have a broad knowledge base and the ability to be flexible and innovative in their application of such knowledge. Consequently, the emphasis of the Environmental Science program is placed upon studies that span and integrate several disciplines, involve adaptive problem solving, and develop new skills and expertise. In particular, the Environmental Science program looks to supplement studies in the science disciplines with units that provide complimentary information on environmental issues that not only show how the sciences interact in the environment but how humans impact upon it. Prior to 2007, students wanting to Study Environmental Science did so through the specialist BSc (Environmental) degree - see Table 1B. Now students wanting to take Environmental Science can only do so by taking a double major in the BSc, one major in Environmental Studies and the other in a Science discipline of the students' choice. For descriptions of the ENVI units of study, refer to the entries under Environmental Studies.

## Honours in the Bachelor of Science (Environmental)

Students of sufficient merit may be admitted to an Honours course in the Bachelor of Science (Environmental). In the Honours year, a student will undertake an interdisciplinary research exercise in association with one or more supervising members of the academic staff at the University of Sydney, write a thesis based upon the research, and attend advanced lecture units of study and seminars as required by their supervisor(s). The honours year is not only rewarding but enjoyable as well, and marks the transition period where a student becomes a research collaborator. Eligible students can choose to complete Honours in the following Science Subject Areas: Agricultural Chemistry, Biology, Chemistry, Geography, Geology, Marine Science, Microbiology, or Soil Science. (Please note that there are no honours units of study entitled 'Environmental Science').

## Environmental Studies

Environmental Studies is the examination of the human interactions with the natural and built environment. It encapsulates the fundamental social aspects of sustainability, environmental impact, law, ethics, development, energy use, economics and politics. In order to properly cover this material, the ENVI units are taught by various staff from within the Faculties of Science, Architecture and Law. Consequently, the ENVI units are complimentary to studies not only in the physical and natural Science disciplines but also to the social disciplines.

## Obtaining a major in Environmental studies

A major in Environmental Studies constitutes the completion of 24 credit points of Senior units as listed in Table 1, including at least 12 credit points of Senior ENVI units of study listed below. Study of at least one Intermediate ENVI unit is highly recommended.

### ENVI2111

#### Conservation Biology and Applied Ecology

**Credit points:** 6 **Teacher/Coordinator:** Dr C Taylor **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 2 hour practical per week, plus one 2 day field trip during the semester. **Prerequisites:** BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry and 6 credit points of Junior Physics). **Prohibitions:** ENVI2911, ENVI2001. **Assessment:** Essays, tutorial papers, exam.

This topic examines the role of conservation biology and applied ecology in environmental science, examining pattern and process in natural systems and evaluating how these are being affected by pervasive anthropogenic impacts. Focusing on the conservation, assessment of impacts and the restoration of natural systems, we consider the range of ecological issues environmental scientists must address. We examine the extent of environmental problems; derive explanations of why and how they are occurring and address management options for resolving them. We will derive general principles for these by addressing case studies, chosen from Australian examples when possible. The aim of this unit is for you to understand the processes that go into solving environmental problems from an ecological perspective and how to identify management options.

### ENVI2911

#### Conservation Biol & Applied Ecology Adv

**Credit points:** 6 **Teacher/Coordinator:** Dr Charlotte Taylor **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 2 hour practical per week, plus one 2 day field trip during the semester. **Prerequisites:** Distinction average in BIOL (1001 or 1911 or 1101 or 1901) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry and 6 credit points of Junior Physics). These requirements may be varied and students with lower averages should consult the Unit Executive Officer. **Prohibitions:** ENVI2111, ENVI2001. **Assessment:** One 2 hour exam, field report, briefing paper, oral presentation.

Qualified students will participate in alternative components of ENVI2111, Conservation Biology, including an independent research project.

*Textbooks*

Caughley G, Gunn. Conservation Biology in Theory and Practice. Blackwell. 1996.  
Lindenmeyer D, Burgman M. Practical Conservation Biology. CSIRO Publishing. 2005.  
Attiwill P, Wilson B. Ecology: An Australian Perspective. Oxford University Press. 2003.

### ENVI2112

#### Atmospheric Processes and Climate

**Credit points:** 6 **Teacher/Coordinator:** Edwina Tanner **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 2 hour practical per week. **Prerequisites:** 24 credit points of Junior Science units, including 12 credit points of Junior Chemistry or Physics **Prohibitions:** ENVI2002 **Assessment:** Assignments, tutorial papers, exam

This unit of study investigates the physical and chemical characteristics of our atmosphere, as well as the natural processes that occur within it and how these contribute to the climate we live in. Topics such as atmospheric structure, photochemical processes, and weather will be examined. The effects of ocean circulation are investigated, particularly examining the ocean's importance as a source/sink for atmospheric constituents and as a heat regulator. The impact of glaciation is also examined, including sources, quantity, magnitude of threat, and the potential impact to our climate, are then explored. Finally, the unit examines issues surrounding climate change and the modelling of these changes.

### ENVI3111

#### Environmental Law and Ethics

**Credit points:** 6 **Teacher/Coordinator:** Dr Gerry Bates Dr Jane Johnson **Session:** Semester 1 **Classes:** Two 2 hour lectures per week. **Prerequisites:** 12 credit points of Intermediate Science or Agriculture units. **Prohibitions:** ENVI3001, ENVI3003. **Assumed knowledge:** Intermediate Environmental Science. **Assessment:** Essays, tutorial papers.

This unit of study covers topics in environmental law and ethics. The environmental law component provides an overview of all laws in Australia pertaining to environmental matters and looks at a number of environmental issues at the various levels of analysis, policy making, implementation of policy, enforcement, and dispute resolution. It also provides a broad background to the political and economical issues as they relate to the legal issues involved. It also examines international environmental law, particularly examining how these influence and affect our local policies. The ethics component helps students develop thoughtful and informed positions on issues in environmental ethics using arguments derived from traditional ethics as well as environmentally specific theories. Ethical conflicts are often inevitable and difficult to resolve but using the resources of philosophical ethics and regular reference to case studies, students can learn to recognize the values and considerations at stake in such conflicts, acknowledge differing viewpoints and defend their own well considered positions.

### ENVI3112

#### Environmental Assessment

**Credit points:** 6 **Teacher/Coordinator:** Dr John Dee Dr Scott Kable **Session:** Semester 2 **Classes:** Two 2 hour lectures per week. **Prerequisites:** 12 credit points of Intermediate Science or Agriculture units. **Prohibitions:** ENVI3002, ENVI3004. **Assumed knowledge:** Intermediate Environmental Science. **Assessment:** Essays, tutorial papers, report.

This unit of study is composed of two components: environmental impact assessment and risk assessment. The former is generally concerned with issues related to environmental impact assessment and builds toward the process of producing an EIS/EIA. More specifically it seeks to establish a critical understanding of the theory and practice of environmental impact studies/statements (EIS) and environmental impact assessment processes (EIA) from both the positive (scientific) and normative (value) perspectives. Emphasis is placed on gaining skills in writing and producing an assessment report, which contains logically ordered and tightly structured argumentation that can stand rigorous scrutiny by political processes, the judiciary, the public and the media. The risk assessment component considers a more chemical approach to the assessment of risk and issues of safety with respect to chemicals, ecotoxicology and the environment.

**ENVI3114****Energy and the Environment**

**Credit points:** 6 **Teacher/Coordinator:** Dr Chris Dey **Session:** Semester 2  
**Classes:** Two 1 hour lectures and one 1 hour tutorial per week and three field trips. **Prerequisites:** 12 credit points of Intermediate Science or Agriculture units. **Prohibitions:** ENVI3001, PHYS3600. **Assumed knowledge:** Junior Physics or Intermediate Environmental Science. **Assessment:** Essays, tutorial papers, field reports, exam.

This unit covers the following aspects of energy and the environment: energy use; electrical power generation including alternate methods such as wind turbines; the environmental impact of energy use and power generation including the enhanced greenhouse effect; transportation and pollution; energy management in buildings; solar thermal energy, photovoltaics, and nuclear energy; and, socio-economic and political issues related to energy use and power generation.

**GEOS3513****Regional Development and Environment**

**Credit points:** 6 **Teacher/Coordinator:** Dr Bill Pritchard, Dr Timohir Ancew  
**Session:** Semester 1 **Classes:** 2 hours of lectures per week and 2 hours of tutorials/practicals per week **Prerequisites:** 24 credit points of intermediate and/or senior units of study including 6 credit points of Intermediate units of study in Geography. **Prohibitions:** ENVI3113, GEOS3511, GEOS3911, GEOS3913 **Assessment:** Two in-class tests, one 1500 word essay, one GIS report

This unit of study acquaints students with debates and tools associated with regional development and the economic analysis of environmental issues. It provides a useful preparation for professional employment in the field of regional development, environmental policy and management, and is relevant for students interested in economic and social issues in regional Australia. Co-taught by a geographer and an economist, the unit addresses four key areas of relevance: (i) regional development theory and practice; (ii) the economics of efficiently utilising and managing the environment; (iii) debates on regional development in Australia (including consideration of the farm sector, Indigenous communities and environmental sustainability), and (iv) the use of GIS to analyse population census data. The unit requires no prior knowledge of economic theory or GIS software.

**GEOS3913****Regional Development & Environment (Adv)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Bill Pritchard, Dr Timohir Ancew  
**Session:** Semester 1 **Classes:** 2 hours of lectures per week and 2 hours of tutorials/practicals per week. **Prerequisites:** 24 credit points of intermediate and/or senior units of study including 6 credit points of intermediate units of study in Geography with a grade of Credit or better **Prohibitions:** ENVI3113, GEOS3511, GEOS3513, GEOS3911 **Assessment:** In-class tests, essay, report

This unit of study is a more advanced version of GEOS3513. It includes more challenging assessment tasks.

**Financial Mathematics and Statistics**

This is an interdisciplinary major offered in the Faculty of Science consisting of several core units and a number of elective units from mathematics, statistics and information technologies. The program is designed to meet the need for high level quantitative and modelling skills in the banking, insurance, stockbroking and finance industries without constraining students to a full major in mathematics or statistics. Graduates with specifically strong mathematical and statistics backgrounds are in very high demand. The core units Optimisation and Financial Mathematics (MATH2070/2970) and Financial Mathematics (MATH3075/3975) are the backbone of the program and introduce the student to important financial concepts within a mathematical and statistical framework. The core mathematics and statistics units provide the technical base that is required by a quantitative analyst, while the elective units offer the student increased flexibility and additional opportunities to develop related skills. Students completing the program at the Advanced Level may continue into Fourth Year Honours where a number of further Financial Mathematics and Statistics units are on offer. It is envisaged that students completing the Honours program will not only be highly trained in quantitative finance, but will also be well prepared for active research

in the field. Students should refer to Table 1 for an enrolment guide and to entries under the contributing Schools for unit of study descriptions.

**Geosciences**

The School of Geosciences offers units of study in the discipline areas of Geography, Geology and Geophysics. Students may take a major in either of these disciplines, and many Geoscience units are key components of the Environmental Studies, marine Geoscience and Marine Science majors. The junior units GEOS1001, GEOS1002 and GEOS1003 provide a comprehensive introduction to both Geography and Geology and Geophysics. A major can be included within many undergraduate degree programs, including the Bachelors of Science, Arts, Liberal Studies, Liberal Arts and Sciences, Arts and Sciences, Science and Technology, Economics and Social Sciences.

**Geography**

Geography is the study of earth as the home of people. As the need to find solutions to issues of environmental sustainability, population change and globalisation have become more challenging, the skills and knowledge of geographers have come to the forefront. Students of Geography are interested in their world, and are taught to think critically about the relationships between people, environments and places. The knowledge and skills gained from studying Geography at the University of Sydney provide a launch pad to a professional career in an array of fields including environmental management, planning, overseas development and consulting research. Our Geography program has strong linkages with various national and international organizations that provide pathways for further studies at Honours and post-graduate levels, and into the work force. It differs from High School Geography in that it provides more opportunities for independent learning, introduces new techniques and skills, offers flexibility for you to follow your interests and is tailored to real world events and issues.

**Geology and Geophysics**

Geology and Geophysics provides a unifying context for understanding the surface and internal planetary processes that determine how the earth functions as a system. Global climate change, an increasing population and shrinking mineral and energy resources have heightened our sense of dependence on our earth's complex natural systems and increased our need to understand the dynamic structural relationships between the continents and oceans which provide the physical habitat for the earth's various ecosystems. Geology and Geophysics provides students with an understanding of change on Earth, its origin, plate tectonics, surface processes, evolution of life and geologic time. Intermediate units highlight the role of the earth system in all natural phenomena, including those of concern to humans such as geo-biodiversity, salinity, seismicity, volcanic hazards, climate and sea level change. Senior units of study cover methods of field data collection and provide access to cutting edge computing and data resources used for turning such observations into knowledge. Students will acquire the skills necessary for employment in all areas of sustainable exploration and management of our natural, mineral and energy resources.

**Geosciences Advice**

As a Geoscience student at the University of Sydney, you will participate in an array of learning environments that complement traditional lecture and tutorial classes; for example, studies can include field trips to destinations in Australia and overseas. Students who wish to obtain advice concerning the units of study described below should approach School advisors during the enrolment week or the unit coordinators during semester. Further information is available at [www.geosci.usyd.edu.au](http://www.geosci.usyd.edu.au), as well as in the Geosciences' student handbook available from the School's administrative office (Room 348, Madsen Building).

**Website**

The School of Geosciences website is: [www.geosci.usyd.edu.au](http://www.geosci.usyd.edu.au).

### Location

The School of Geosciences is located in the Madsen Building (F09). All student enquiries can be made at the Madsen Building, Room 348 - 9 am to 4.30pm, Mon to Fri.

### Further information

Further information is available at [www.geosci.usyd.edu.au](http://www.geosci.usyd.edu.au), as well as in the Geosciences' student handbook available from the School's administrative office.

## Geosciences junior units of study

Students are encouraged to commence their studies of Geography, Geology and Geophysics, Environmental Studies or Marine Science by enrolling in GEOS1001 (Earth, Environment and Society) (February semester). This unit of study provides an overarching introduction to issues and themes taught across the School of Geosciences. In the second (July) semester, students intending to major in Geography should enroll in GEOS1002 (Introductory Geography); students intending to major in Geology and Geophysics or Marine Geoscience should enroll in GEOS1003 (Introduction to Geology). Entry into any of these units of study does not require any prior knowledge

### GEOS1001

#### Earth, Environment and Society

**Credit points:** 6 **Teacher/Coordinator:** Dr Jody Webster, Dr Bill Pritchard, Ms Edwina Tanner **Session:** Semester 1, Summer Late **Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prohibitions:** GEOS1901, GEOG1001, GEOG1002, GEOL1001, GEOL1002, GEOL1902 **Assessment:** One 2 hour exam, 2000 word essay, field and prac reports

This is the gateway unit of study for Human Geography, Physical Geography and Geology. Its objective is to introduce the big questions relating to the origins and current state of the planet: climate change, environment, landscape formation, and the growth of the human population. During the semester you will be introduced to knowledge, theories and debates about how the world's physical and human systems operate. The first module investigates the system of global environmental change, specifically addressing climate variability and human impacts on the natural environment. The second module presents Earth as an evolving and dynamic planet, investigating how changes take place, the rate at which they occur and how they have the potential to dramatically affect the way we live. Finally, the third module, focuses on human-induced challenges to Earth's future. This part of the unit critically analyses the relationships between people and their environments, with central consideration to debates on population change and resource use.

### GEOS1002

#### Introductory Geography

**Credit points:** 6 **Teacher/Coordinator:** Dr Kurt Iveson **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prohibitions:** GEOS1902, GEOG1001, GEOG1002 **Assessment:** One 2 hour exam, one 2000 word essay, five practical reports

This unit of study provides an introduction to the ways that human and physical landscapes are produced. It begins with an investigation of Earth's surface features, exploring the distribution of landforms across Earth and interpreting their evolutionary histories. Several landscapes will be examined including those formed by rivers, wind, oceans and glaciers. But physical landscapes evolve under the influence of and affect human operations. Therefore, the unit of study will also consider the political, economic, cultural and urban geographies which shape contemporary global society. Each of these themes will be discussed with reference to key examples, in order to consider the ways in which the various processes (both physical and human) interact in the shaping of places. The unit of study will also include short field trips to localities surrounding the university to observe processes of spatial change and conflict. The unit of study is designed to attract and interest students who wish to pursue geography as a major within their undergraduate degree, but also has relevance to students who wish to consider the way geographers understand the contemporary world.

### GEOS1003

#### Introduction to Geology

**Credit points:** 6 **Teacher/Coordinator:** Dr Tom Hubble, Prof Geoff Clarke **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour practical per week. **Prohibitions:** GEOS1903, GEOL1002, GEOL1902, GEOL1501 **Assessment:** One 2 hour exam, practical reports, field report

The aim of this unit of study is to examine the chemical and physical processes involved in mineral formation, the interior of the Earth, surface features, sedimentary environments, volcanoes, and metamorphism. Lectures and laboratory sessions on mountain building processes and the formation of mineral deposits will lead to an understanding of the forces controlling the geology of our planet. Processes such as weathering, erosion and nature of sedimentary environments are related to the origin of the Australian landscape. In addition to laboratory classes there is a two-day excursion to the western Blue Mountains and Lithgow to examine geological objects in their setting.

#### Textbooks

The recommended text is Hamblin & Christiansen. *Earth's Dynamic Systems*. 9th Edition. Prentice Hall. 2001.

### GEOL1501

#### Engineering Geology 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Tom Hubble **Session:** Semester 2 **Classes:** 39 hours lectures, 26 hours laboratory. Field excursions in the Sydney region, as appropriate. **Prohibitions:** GEOL1002, GEOL1902, GEOS1003, GEOS1903 **Assumed knowledge:** No previous knowledge of Geology assumed **Assessment:** Practical laboratory work, assignment, and a combined theory and practical exam.

**Course objectives:** To introduce basic geology and the principles of site investigation to civil engineering students.

**Expected outcomes:** Students should develop an appreciation of geologic processes as they influence civil engineering works, acquire knowledge of the most important rocks and minerals and be able to identify them, and interpret geological maps with an emphasis on making construction decisions.

**Syllabus summary:** Geological concepts relevant to civil engineering and the building environment. Introduction to minerals; igneous, sedimentary and metamorphic rocks, their occurrence, formation and significance. General introduction to physical geology and geomorphology, structural geology, plate tectonics, and hydrogeology. Associated laboratory work on minerals, rocks and mapping.

#### Textbooks

Approved readings will be provided via WebCT

### GEOS1901

#### Earth, Environment and Society Advanced

**Credit points:** 6 **Teacher/Coordinator:** Dr Bill Pritchard, Ms Edwina Tanner **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator. **Prohibitions:** GEOS1001, GEOG1001, GEOG1002, GEOL1001, GEOL1002, GEOL1902 **Assessment:** One 2 hour exam, 2000 word essay, field and prac reports

*Note: Department permission required for enrolment.*

Advanced students will complete the same core lecture material as for GEOS1001, but will be required to carry out more challenging practical assignments.

### GEOS1902

#### Introductory Geography (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Mel Neave, Dr Kurt Iveson **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator. **Prohibitions:** GEOS1002, GEOG1001, GEOG1002 **Assessment:** One 2 hour exam, one 2000 word essay, five practical reports

*Note: Department permission required for enrolment.*

Advanced students will complete the same core lecture material as for GEOS1002, but will be required to carry out more challenging practical assignments.

### GEOS1903

#### Introduction to Geology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Tom Hubble, Prof Geoff Clarke  
**Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour practical per week. **Prerequisites:** Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator. **Prohibitions:** GEOL1002, GEOL1902, GEOS1003 **Assessment:** One 2 hour exam, practical reports, field report

*Note: Department permission required for enrolment.*

This unit has the same objectives as GEOS1003 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their UAI and/or their university performance at the time of enrolment. Students that elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. This unit may be taken as part of the BSc (Advanced).

### Geosciences intermediate units of study

Geoscience intermediate units of study are listed below. All intermediate students are encouraged to enroll in GEOS2111 (Natural Hazards: a GIS Approach) which covers concepts and skills relevant to all Geoscience disciplines. Students interested in different areas of the Geoscience disciplines might select intermediate units of study as follows: physical and environmental Geography: GEOS2111 and/or GEOS2113 (Feb semester); GEOS2121 and/or GEOG2321 (July semester), human and environmental Geography: GEOS2112 and/or GEOS2111 (Feb semester); GEOS2122 and/or GEOS2121 (July semester), Geology and Geophysics: GEOS2111, GEOL2112 and/or GEOS2114 (Feb semester); GEOS2124 and/or GEOS2121 (July semester). Regardless, subject to the prerequisites for each individual unit of study, students may vary their enrolment across these streams. The School of Geosciences encourages students to construct a sequential ordering of units that best meets their interests and aspirations.

### GEOG2321

#### Fluvial and Groundwater Geomorphology

**Credit points:** 6 **Teacher/Coordinator:** Dr Melissa Neave **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** GEOG(2311 or 2001) or 36 credit points of Junior study including GEOS(1001 or 1901) or GEOG1001 or ENVI(1001 or 1002) or GEOL1501. Students in the Bachelor of Resource Economics should have 36 credit points of study in Biology (or Land and Water Science), Chemistry and Mathematics. Students in the Bachelor of Land and Water Science should have 6 credit points of Junior Geoscience, 12 credit points of Chemistry, 6 credit points of Biology, BIOM1002. **Prohibitions:** GEOG (2002 or 2302 or 2303) or MARS2002 or MARS2006 **Assessment:** One 2 hr exam, one quiz, one field report, practical exercises

This unit of study provides an introduction to the fundamentals of fluvial geomorphology (the study of surface water as an agent of landscape change) and groundwater hydrology. The fluvial geomorphology section of the unit will describe the movement of water in stream channels and investigate the landscape change associated with that movement. Topics to be covered will include open channel flow hydraulics, sediment transport processes and stream channel morphology. Practical work will focus on the collection and analysis of field data. The quantity and quality of the groundwater resources are closely linked to geology and fluvial geomorphology. The groundwater section of this unit is based around four common groundwater issues: contamination, extraction, dryland salinity and groundwater-surface water interaction. In the practical component, common groundwater computer models such as FLOWTUBE and MODFLOW will be used to further explore these problems.

*Textbooks*

Recommended Textbooks: Fetter, CW. Applied Hydrogeology. Prentice-Hall. 2001.

Knighton, D. Fluvial Forms and Processes. Hodder-Arnold. 1998.

### GEOS2111

#### Natural Hazards: a GIS Approach

**Credit points:** 6 **Teacher/Coordinator:** Dr Patrice Rey and others **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour practical per week. **Prerequisites:** 24 credit points of Junior units of study including 6 credit points of Junior Geoscience **Prohibitions:** GEOG2411, GEOS2911 **Assessment:** One 2 hour exam, one assignment, report.

The geosciences provide an essential framework for understanding the environmental response to short- and long-term geologic, oceanic and atmospheric processes. This unit of study introduces students to a variety of natural phenomena that affect society with impact levels ranging from nuisance to disastrous. The discussion of each hazard focuses on: (1) the process mechanics, (2) hazards and risk, and (3) methods for mitigation. Geographic Information Systems (GIS) are used by scientists, planners, policy-makers and the insurance industry alike to address many issues relating to natural hazards. This unit of study will introduce students to the major concepts relating to GIS and provide practical experience in the application of GIS techniques to hazard mapping, risk assessment and mitigation.

### GEOS2112

#### Economic Geography of Global Development

**Credit points:** 6 **Teacher/Coordinator:** Dr Bill Pritchard, Dr Jeff Neilson **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002 **Prohibitions:** GEOS2912, GEOG2511 **Assessment:** One 2 hour exam, 2000 word essay, tutorial papers, practical report

In this unit of study, students will be introduced to the sub-discipline of economic geography by way of debates on the spatial character of global development. We focus on questions relating to who are the winners and losers from contemporary patterns of global economic change. This includes the analysis of relevant conceptual approaches to these questions (including comparative advantage, global commodity chain theory, regionalism, economic governance etc), plus 'hands-on' examination of the key institutions (such as the WTO and ADB) driving these changes. In general, issues are tailored to themes being played out in Asia-Pacific countries. Students are expected to participate in a variety of practical class exercises throughout the semester, which will include presenting the fruits of independent research activities. This unit provides an especially relevant feeder-unit into GEOS3053/ GEOS3054, the Asia-Pacific Field School.

### GEOS2113

#### Making the Australian Landscape

**Credit points:** 6 **Teacher/Coordinator:** Dr S.J. Gale **Session:** Semester 1 **Classes:** Two or three 1-hour lectures and one or two 1-hour practicals per week. **Prerequisites:** 24 credit points of Junior units of study, including GEOS1002 or GEOS1003 or GEOS1902 or GEOS1903 or GEOG1001 or ENVI1002 or GEOL1001 or GEOL1002 or GEOL1902 **Prohibitions:** GEOS2913 **Assessment:** One 2 hour examination, practical reports.

The shifts in the nature of the Earth's environment over time and the resultant changes in process regimes have had dramatic impacts on the way the Australian physical landscape has evolved. We consider here the effects of these changes on the broad pattern of the landscape, focusing particularly on slopes and soils. We follow this by investigating the environmental changes that have taken place since the end of the last glacial, the time when the continent's climates and environments first took on a recognisably modern form. We deal specifically with the impact of human activity on the Australian biophysical environment, emphasising both pre-European impacts and those changes that have taken place since European contact.

### GEOS2114

#### Volcanoes, Hot Rocks and Minerals

**Credit points:** 6 **Teacher/Coordinator:** Dr Derek Wyman, Dr Patrice Rey, Prof Geoff Clarke **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour practical per week. **Prerequisites:** One of (GEOG1001, GEOL1001, GEOL1002, GEOS1003, GEOS1903, ENVI1002, GEOL1902, GEOL1501) and 24 credit points of Junior Science units of study. **Prohibitions:** GEOL2111, GEOL2911, GEOS2914 **Assessment:** One 2 hour exam, practical reports, field trip report, group presentation

This unit of study relates the plate tectonics of subduction zones to a) volcanoes and their hazards; b) geological processes in the deep crust; and c) the formation of precious metal and gemstone ores around the Pacific Rim. A problem solving approach is used to develop the skills required to understand the history of individual volcanoes and predict their future activity and hazards. The unit includes a two to three day field trip to study an extinct volcano in NSW. Practical work includes independent study of igneous systems, rocks and minerals employing both microscope-based techniques and computer modeling. The unit provides relevant knowledge for GEOS3006/3906 - Mineral Deposits and Spatial Data Analysis.

### GEOS2115

#### Oceans, Coasts and Climate Change

**Credit points:** 6 **Teacher/Coordinator:** Ass/Prof Dietmar Müller, A/Prof Peter Cowell **Session:** Semester 1 **Classes:** 26 one-hour lectures, 6 one-hour workshops, 1 eight-hour field work, 1 24-hour field school (3 days, Easter break) **Prerequisites:** 48 credit points from Junior Units of Study **Prohibitions:** GEOS2915, MARS2006 **Assumed knowledge:** At least one of (GEOG1001, GEOL1001, GEOL1002, GEOS1003, GEOS1903, ENVI1002, GEOL1902, GEOL1501) **Assessment:** Three web-based on-line reports (30% of total marks). One seminar presentation: field school (20% of total marks). One 2-hour exam (50% of total marks)

This unit of study introduces core concepts about how the formation of ocean basins and their influence on climate govern the development of coasts and continental margins. These concepts provide a framework for understanding the geographic variation of coasts, continental shelves and sediment accumulations in the deep ocean. Ocean-basin evolution is explained in terms of movements within the Earth's interior and how these movements determine the geometry of ocean basins, and their alpine counterparts, which interact with the global circulation of the ocean and atmosphere. Affects of this interaction on energy regimes and hydrology are described in accounting for regional controls that govern supply and dispersal of sediments on continental margins and in ocean basins. These controls include effects on wave climates, wind-driven currents and tidal regimes. These controls also govern environmental conditions determining development of coral reefs and other ecosystems that play a key role in marine sedimentation. The Unit of Study systematically outlines how these factors have played out with climate change to produce the beaches, dunes, estuaries and deltas we see today, as well as the less familiar deposits hidden beneath the sea. The Unit also outlines how knowledge of responses to climate change in the past allow us to predict responses of coasts to accelerated climate change occurring now and in the future due to the industrial greenhouse effect. Overall therefore, the Unit aims to provide familiarity with fundamental phenomena central to the study of marine geoscience, introduced through process-oriented explanations. The Unit of Study is structured around problem-based project work, for which lectures provide the theoretical background.

#### Textbooks

Thurman, HV and Trujillo, AP. *Introductory Oceanography*. Pearson, Prentice-Hall, 10th Edition. 2004.

### GEOS2121

#### Environmental and Resource Management

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Phil McManus **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week, one fieldtrip. **Prerequisites:** 24 credit points of junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002 **Prohibitions:** GEOG2421, GEOL2202, GEOS2921 **Assessment:** One 2 hour exam, one 2000 word essay, tutorial papers, one fieldtrip report

This unit of study explores cultural constructions of nature and resources, the evolution of environmental thought and the debates about sustainable development. It integrates environmental, economic, cultural and social considerations, with particular regard to water, mining, forestry and fishing industries in Australia and other countries. The unit includes a fieldtrip to the Hunter Valley to look at geological and geographical issues pertaining to mines, wines and the thoroughbred breeding industries in this region. The unit of study enables students to learn about the economics of resource extraction and the social, cultural and environmental considerations that must

be taken into account when developing and implementing environmental and resource management policies.

### GEOS2122

#### Urban Geography

**Credit points:** 6 **Teacher/Coordinator:** Dr Kurt Iveson **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002. **Prohibitions:** GEOS2922, GEOG2521 **Assessment:** One 2 hour exam, 2000 word essay, tutorial papers, practical reports

Cities are full of different people doing all sorts of different things. Developing an understanding of these processes necessitates attention to the geographical principles that underlie varied social practices (work, leisure, sport, music etc) and social categories such as ethnicity, gender, sexuality and race. We will investigate how different people perceive space and construct space, primarily in Western contexts and thereby seek to understand the cultural and political dimensions of everyday life in cities.

### GEOS2124

#### Fossils and Tectonics

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Dietmar Müller **Session:** Semester 2 **Classes:** Two 1 hour lectures plus one 3 hour practical each week. **Prerequisites:** 24 credit points of Junior units of study, including GEOS1003 or GEOS1903 or GEOL1002 or GEOL1902 or GEOL1501 **Prohibitions:** GEOS2924, GEOL2123, GEOL2124 **Assessment:** One 2 hour exam, practical reports, field report

The unit aims to convey how fossils, stratigraphic and structural data are used together to determine ages and environments and the deformation history of rock layers. It covers an introduction to historical geology and the evolution of the major fossil groups. Methods of stratigraphic age determination include litho-, bio-, chemo-, magneto-stratigraphy, as well as radiometric geochronology and the stratigraphic characteristics of the main geological time intervals. Structural methods are focused on brittle deformation in the upper crust and sediments. Students will gain familiarity with the most important fossil groups and how to identify them, and with the most important types of faults and folds. The formation of fossil fuels such as coal, oil and gas will also be covered in an earth history and resource exploration context. The simultaneous use of fossils, stratigraphy and structure to unravel the geological history of a set of exposed rock layers is demonstrated during a field excursion to Yass.

#### Textbooks

Classnotes available in co-op bookshop

### GEOS2911

#### Natural Hazards: a GIS Approach Advanced

**Credit points:** 6 **Teacher/Coordinator:** Dr Patrice Rey and others. **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour practical per week. **Prerequisites:** 24 credit points of junior units of study including a distinction in 6 credit points of Junior Geoscience **Prohibitions:** GEOG2411, GEOS2111 **Assessment:** One 2 hour exam, one assignment, practical report.

The geosciences provide an essential framework for understanding the environmental response to short- and long-term geologic, oceanic and atmospheric processes. This unit of study introduces students to a variety of natural phenomena that affect society with impact levels ranging from nuisance to disastrous. The discussion of each hazard focuses on: (1) the process mechanics, (2) hazards and risk, and (3) methods for mitigation. Geographic Information Systems (GIS) are used by scientists, planners, policy-makers and the insurance industry alike to address many issues relating to natural hazards. This unit of study will introduce students to the major concepts relating to GIS and provide practical experience in the application of GIS techniques to hazard mapping, risk assessment and mitigation.

### GEOS2912

#### Economic Geography of Global Dev. Adv.

**Credit points:** 6 **Teacher/Coordinator:** Dr Bill Pritchard, A/Prof Phil Hirsch **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002

**Prohibitions:** GEOS2112, GEOG2511 **Assessment:** One 2 hour exam, 2000 word essay, tutorial papers, practical reports.

This is an Advanced version of GEOS2112. In this unit of study, students will be introduced to the sub-discipline of economic geography by way of debates on the spatial character of global development. We focus on questions relating to who are the winners and losers from contemporary patterns of global economic change. This includes the analysis of relevant conceptual approaches to these questions (including comparative advantage, global commodity chain theory, regionalism, economic governance etc), plus 'hands-on' examination of the key institutions (such as the WTO and ADB) driving these changes. In general, issues are tailored to themes being played out in Asia-Pacific countries. Students are expected to participate in a variety of practical class exercises throughout the semester, which will include presenting the fruits of independent research activities. This unit provides an especially relevant feeder-unit into GEOS3053/GEOS3054, the Asia-Pacific Field School.

### GEOS2914

#### Volcanoes, Hot Rocks and Minerals Adv

**Credit points:** 6 **Teacher/Coordinator:** Dr Derek Wyman, Dr Patrice Rey, Prof Geoff Clarke **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour practical per week. **Prerequisites:** 24 credit points of Junior Science units of study and Distinction in one of GEOL1002 or GEOS1002 or ENV11002 or GEOL1501 or GEOL1902 or GEOS1003 or GEOS1903. This requirement may be varied and students should consult the unit of study coordinator. **Prohibitions:** GEOL2001, GEOS2114 **Assessment:** One 2 hour exam, practical reports, field trip report, group presentation.

This unit has the same objectives as GEOS2114 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance to date. Students that elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. This unit may be taken as part of the BSc (Advanced).

#### Textbooks

No required textbook. Course notes available.

### GEOS2921

#### Environmental & Resource Management Adv

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Phil McManus **Session:** Semester 2 **Classes:** Two 1 hour lectures, one 1 hour tutorial per week and one fieldtrip. **Prerequisites:** 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002. This requirement may be varied and students should consult the unit of study coordinator. **Prohibitions:** GEOG2421, GEOL2202, GEOS2121 **Assessment:** One 2 hour exam, one 2000 word essay, one 2500 word essay, one fieldtrip report

Advanced students will complete the same core lecture materials as for GEOS2121 but are required to complete an essay in place of the regular tutorial reports prepared in GEOS2121.

### GEOS2922

#### Urban Geography (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Prof John Connell, Dr Kurt Iveson **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002 **Prohibitions:** GEOS2122 **Assessment:** One 2 hour exam, 2000 word essay, tutorial papers, practical reports

Cities are full of different people doing all sorts of different things. Developing an understanding of these processes necessitates attention to the geographical principles that underlie varied social practices (work, leisure, sport, music, etc) and social categories such as ethnicity, gender, sexuality and race. This unit will examine how these process create and re-create urban landscapes. We will investigate how different people perceive space and construct space, primarily in western contexts, and thereby seek to understand the cultural and political dimensions of everyday life in cities.

### GEOS2924

#### Fossils and Tectonics (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Dietmar Müller, Dr Patrice Rey, Prof Peter Hatherly **Session:** Semester 2 **Classes:** Two 1 hour lectures plus one 3 hour practical each week. **Prerequisites:** Distinction in GEOS1003 or Distinction average in 12 credit points of Junior Geoscience units (Geoscience is the disciplines of Geography, Geology and Geophysics) **Prohibitions:** GEOS2124, GEOL2123, GEOL2124 **Assessment:** One 2 hour exam, practical reports, field report

This unit has the same objectives as GEOS2124 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance to date. Students that elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. This unit may be taken as part of the BSc (Advanced).

#### Textbooks

Classnotes by available in co-op bookshop

## Geosciences senior units of study

Geosciences Senior units of study provide specialist themes or topics relevant to ongoing studies or professions. Students may select from any of the units listed below.

### Geography Major

The requirements for a Major in Geography are defined in Table 1. Students are required to complete 24 credit points from Senior units of study in Geography that must include either GEOS3015 and GEOS3018 or at least 12 credit points from the following: GEOS3513, GEOS3514, GEOG3521, GEOG3522.

### Geology and Geophysics Major

The requirements for a major in Geology and Geophysics are defined in Table 1. Students are required to take two compulsory units, GEOS3101/3801 and the field studies unit GEOS3008/3908, as well as two of GEOS3102/3802, GEOS3103/3803, GEOS3104/3804. These units provide students with a foundation training that prepares them for further study in an Honours or postgraduate coursework program as well as enabling them to enter the main professional fields of the discipline, eg. Resource and Energy Exploration, Engineering Geology, and Environmental Geology.

### GEOS3008

#### Field Geology and Geophysics

**Credit points:** 6 **Teacher/Coordinator:** Dr Patrice Rey, Prof Peter Hatherly **Session:** Semester 2a **Classes:** (weeks 1-7) 14 days of field work **Prerequisites:** 12 credit points of Intermediate GEOS units **Prohibitions:** GEOL3103, GEOS3908 **Assessment:** The field work will be assessed by written reports (up to 30 pages in total) and field exercises

This unit is considered an essential component all Geology and Geophysics majors. All students will undertake a range of exercises, but concentrate on aspects that emphasise their chosen major: (1) field mapping and the analysis of geological objects in the field, in weakly to complexly deformed sedimentary and volcanic sequences; (2) field investigations of mineral deposits and their relationships to host rocks; and (3) the practical application of magnetic and electrical methods commonly employed in the search for mineral deposits. The field course complements other subject areas in Geology & Geophysics and will give students experience in the field identification of rocks and minerals, regional geology, stratigraphy, structure and rock relationships. Students will be required to pay the cost of hostel-style accommodation during field work, which may involve camping.

### GEOS3009

#### Coastal Environments and Processes

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Gavin Birch, Dr Ana Vila-Concejo **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 2 hour practical per week; weekend excursion. **Prerequisites:** (6 credit points of Intermediate Geoscience units) and (6 further credit points of Intermediate Geoscience or 6 credit points of Physics or Mathematics or Information Technology or Engineering units) or ((MARS2005 or MARS2905) and



(MARS2006 or MARS2906)) **Prohibitions:** GEOS3909, MARS3003, MARS3105  
**Assessment:** One 2 hour exam, two 1500 word reports.

*Note:* \* *Geoscience is the disciplines of Geography, Geology and Geophysics.*

Australian coastal environments are dynamic systems responding to input sediments and processes as well as solid boundary conditions. The unit focuses on high-energy wave and wind dominated coastal systems that include the beach-surf zone, dunes, barriers, carbonate (coral reef) environments and their Holocene/Quaternary evolution. The regional impact of waves, tides, embayments, and other environmental parameters in controlling morphology and deposits are addressed. The practical program uses real data sets collected during recent research programs and during two field excursions which address issues specifically relevant to Australia's coastline. The excursions include one 2-day weekend field trip and one 5-day field trip to the Great Barrier Reef in the mid-semester break. *Note:* Students will incur costs in attending the excursions. Alternative work will be provided if students cannot attend the 5-day field trip.

#### Textbooks

Recommended:

Short, A D (ed) *Beach and Shoreface Morphodynamics*. John Wiley & Sons, Chichester. 1999.

Course notes will be available from the Photocopy Centre.

### GEOS3014

#### GIS in Coastal Management

**Credit points:** 6 **Teacher/Coordinator:** Dr Eleanor Bruce, A/Prof Peter Cowell  
**Session:** Semester 2 **Classes:** Two 1 hour lectures and one 3 hour practical per week. **Prerequisites:** MARS(2005 or 2905) and MARS(2006 or 2906), or 12 credit points of Intermediate Geoscience\* units, or (GEOS(2115 or 2915) and BIOL(2018 or 2918)) **Prohibitions:** GEOS3914, MARS3104. **Assessment:** One 2 hour exam, two project reports, quizzes.

*Note:* \* *Geoscience is the disciplines of Geography, Geology and Geophysics.*

Coastal Management is about how scientific knowledge is used to support policy formulation and planning decisions in coastal environments. The course links coastal science to policy and practice in management of estuaries, beaches and the coastal ocean. The principles are exemplified through specific issues, such as coastal erosion, pollution, and impacts of climate-change. The issues are dealt with in terms of how things work in nature, and how the issues are handled through administrative mechanisms. These mechanisms involve planning strategies like Marine Protected Areas and setback limits on civil development in the coastal zone. At a practical level, the link between science and coastal management is given substance through development and use of 'decision-support models'. These models involve geocomputing methods that entail application of simulation models, remotely sensed information, and Geographic Information Systems (GIS). The course therefore includes both principles and experience in use of these methods to address coastal-management issues. (It thus also involves extensive use of computers.) Although the focus is on the coast, the principles and methods have broader relevance to environmental management in particular, and to problem-solving in general. That is, the course has vocational relevance in showing how science can be exploited to the benefit of society and nature conservation.

#### Textbooks

Burrough, PA and McDonnell, RA. *Principles of Geographical Information Systems: Spatial information systems and geostatistics*. Oxford University Press. 1998.

### GEOS3015

#### Environmental Geomorphology

**Credit points:** 6 **Teacher/Coordinator:** Dr Stephen Gale **Session:** Semester 2 **Classes:** Two 1 hour lectures, one 1 hour tutorial and one 2 hour practical per week or equivalent. **Prerequisites:** 24 credit points of Intermediate units, including 6 credit points of Intermediate Geoscience **Prohibitions:** GEOS3915 **Assumed knowledge:** Intermediate geomorphology/ physical geography/ geology. **Assessment:** One 2 hour exam, practical & field reports

The first part of this unit deals with the effects of weathering on the physical and the built environment, and considers the relationship between soil and landforms. The second part investigates the environmental changes that have taken place since the end of the last glacial, the time when the world's climates and environments first

took on a recognisably modern form. It deals specifically with changes to the Australian biophysical environment and will focus on human-environmental impacts, both under pre-European and post-contact conditions.

### GEOS3018

#### Rivers: Science, Policy and Management

**Credit points:** 6 **Teacher/Coordinator:** Dr Mel Neave **Session:** Semester 1 **Classes:** Two 1 hour lectures, one 1 hour tutorial, two 4 hour practicals per week; fieldwork **Prerequisites:** (24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906)) **Prohibitions:** GEOS3918 **Assessment:** One 2 hour exam, two 1500 word essays

The unit of study is concerned with understanding the functioning of river catchments from both natural science and social science perspectives, at a variety of scales. The catchment as a morphodynamic process-response system is addressed with an emphasis on the relationships between processes and landform entities. Similarly, relationships within social, economic, and political systems are explored within the catchment context, with particular emphasis on the interactions between the social system and bio-physical system. Empirical context for the unit will primarily be drawn from the Murray-Darling, Mekong, and Hawkesbury-Nepean catchments. Fieldwork in the latter is integral to the unit of study.

#### Textbooks

Gordon, et al. *Stream Hydrology: An Introduction for Ecologists*. 2004.

### GEOS3513

#### Regional Development and Environment

**Credit points:** 6 **Teacher/Coordinator:** Dr Bill Pritchard, Dr Timohir Ancev **Session:** Semester 1 **Classes:** 2 hours of lectures per week and 2 hours of tutorials/practicals per week **Prerequisites:** 24 credit points of intermediate and/or senior units of study including 6 credit points of Intermediate units of study in Geography. **Prohibitions:** ENVI3113, GEOS3511, GEOS3911, GEOS3913 **Assessment:** Two in-class tests, one 1500 word essay, one GIS report

This unit of study acquaints students with debates and tools associated with regional development and the economic analysis of environmental issues. It provides a useful preparation for professional employment in the field of regional development, environmental policy and management, and is relevant for students interested in economic and social issues in regional Australia. Co-taught by a geographer and an economist, the unit addresses four key areas of relevance: (i) regional development theory and practice; (ii) the economics of efficiently utilising and managing the environment; (iii) debates on regional development in Australia (including consideration of the farm sector, Indigenous communities and environmental sustainability), and (iv) the use of GIS to analyse population census data. The unit requires no prior knowledge of economic theory or GIS software.

### GEOS3913

#### Regional Development & Environment (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Bill Pritchard, Dr Timohir Ancev **Session:** Semester 1 **Classes:** 2 hours of lectures per week and 2 hours of tutorials/practicals per week. **Prerequisites:** 24 credit points of intermediate and/or senior units of study including 6 credit points of intermediate units of study in Geography with a grade of Credit or better **Prohibitions:** ENVI3113, GEOS3511, GEOS3513, GEOS3911 **Assessment:** In-class tests, essay, report

This unit of study is a more advanced version of GEOS3513. It includes more challenging assessment tasks.

### GEOG3521

#### Sustainable Cities

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Phil McManus **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour practical/tutorial per week. **Prerequisites:** 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience **Prohibitions:** GEOG3921, GEOG3202 **Assessment:** One 2 hour exam, 2000 word essay, tutorial papers, practical reports

Are cities sustainable? Why or why not? This unit of study develops themes introduced in Intermediate units in Geography relating to sustainability, focusing on the ways we manage urban regions. This

involves discussion of topics including utopian visions for cities, urban history, ecological footprint analysis, bioregionalism, transport options, urban form and urban policy, with reference to sustainable futures. The unit of study looks at different Australian cities and includes practical work on a current sustainability issue in Sydney.

### GEOS3522

#### Cities and Citizenship

**Credit points:** 6 **Teacher/Coordinator:** Dr Kurt Iveson **Session:** Semester 2 **Classes:** One 2 hour lecture, one 1 hour tutorial and one 2 hour practical per week. **Prerequisites:** 6 credit points of Intermediate Geoscience **Prohibitions:** GEOG3203, GEOS3922 **Assessment:** One 2 hour exam, one 2000 word essay, one 3000 word practical report, tutorial participation

What does it mean to be a 'citizen', and what has this got to do with cities? This unit explores the urban dimension of contests over the meaning of citizenship. The first half will consider historical configurations of urban citizenship, from the Greek city-states of antiquity through to imperial, colonial and industrial cities. The second half will then focus on contemporary globalising cities. A series of case studies will consider the production of new configurations of urban citizenship across a range of cities in the world, looking at issues such as: asylum-seekers and the city; children and the city; homelessness in the city; 'culture jamming' and new forms of urban protest; trans-national social movements. The module will involve a substantial practical component, encouraging students to draw on their own experiences of city life to reflect on the meanings of citizenship.

### GEOS3101

#### Earth's Structure and Evolution

**Credit points:** 6 **Teacher/Coordinator:** Dr Patrice Rey, Prof Geoff Clarke **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical class per week. **Prerequisites:** GEOS(2114 or 2914) and GEOS(2124 or 2924); or 24 credit points of Intermediate Science units of study and GEOS1003 with permission of the Head of School **Prohibitions:** GEOS(3801 and 3003 and 3903 and 3004 and 3904 and 3006 and 3906 and 3017 and 3917) **Assumed knowledge:** GEOS2114, GEOS2124 **Assessment:** One 2 hour exam, practical and field reports

The Earth's crust and upper mantle, or lithosphere, are a consequence of dynamic and thermal processes operating since the beginning of the Archaean. This unit focuses on information and techniques that enable an understanding of these processes. The main topics presented in this unit include: the formation and evolution of oceanic and continental lithosphere; structural deformation, magmatism and metamorphism at plate boundaries; and the mesoscopic and microscopic analysis of igneous and metamorphic rocks. Practical classes are designed to enable students to competently and independently identify the common crystalline rocks in hand-specimen; and to gather and interpret the structural field data which enables the determination of the structural style and deformational history presented in particular tectonic settings. The concepts and content presented in this unit are generally considered to be essential knowledge for geologists and geophysicists and provide a conceptual framework for their professional practice. Students wishing to specialise in the field and become professional geologists will normally need to expand upon the knowledge gained from this unit and either complete an honours project or progress to postgraduate coursework in this field.

### GEOS3102

#### Global Energy and Resources

**Credit points:** 6 **Teacher/Coordinator:** Dr Derek Wyman, A/Prof Gavin Birch **Session:** Semester 1 **Classes:** Two 1-hour lectures and one 2-hour tutorial/practicals per week. **Prerequisites:** GEOS(2114 or 2914) and GEOS(2124 or 2924); or 24 credit points of Intermediate Science units of study and GEOS1003 with permission of the Head of School **Prohibitions:** GEOS3802, 3003, 3903, 3004, 3904, 3006, 3906, 3017 and 3917 **Assumed knowledge:** GEOS 2114 and GEOS2124 **Assessment:** One 2-hour exam, practical and field reports

This unit examines the processes that form energy and mineral resources, outlines the characteristics of major fossil fuel and metal ore deposits and introduces the principles that underpin exploration

strategies used to discover and develop geological resources. The unit will focus on a variety of topics including: coal; petroleum formation and migration, hydrocarbon traps and maturation; precious metal, base metal and gemstone deposit types; and exploration strategies. An integrated approach will relate tectonic processes through time to the formation of fossil fuel and mineral provinces. Practical exercises will introduce students to the techniques used to identify economically viable geological resources using a variety of exercises based on actual examples of resource exploration drawn from both the petroleum and minerals industry. An excursion to active and historic mining sites in NSW will complement the practical studies.

### GEOS3103

#### Environmental and Sedimentary Geology

**Credit points:** 6 **Teacher/Coordinator:** Dr Tom Hubble, Dr Adriana Dutkiewicz **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical class per week **Prerequisites:** GEOS(2124 or 2924) and GEOS(2111 or 2911 or 2114 or 2914 or 2113 or 2913); or GEOS(1003 or 1903) and 24 credit points of Intermediate Science units of study with permission of the Head of School **Prohibitions:** GEOS3803 **Assumed knowledge:** GEOS1003, GEOS2124 **Assessment:** One 2 hour exam, practical and field reports

Sediments and sedimentary rocks cover most of the Earth's surface, record much of the Earth's geological history and host important resources such as petroleum, coal, water and mineral ores. The aim of this unit is to provide students with the skills required to examine, describe and interpret sediments and sedimentary rocks for a variety of different purposes. Specific focuses of the unit will be on identifying the recent or ancient environment in which sedimentary materials were deposited; the techniques used to identify anthropogenic pollution of modern sediments; and an assessment of natural hazards commonly associated with the formation of sediment bodies such as landslides and deep marine slides. On completion of this unit students will be familiar with the natural processes that form, modify, pollute and lithify sediments and the recognition and management of the environmental hazards associated with sediment bodies. A variety of sedimentary settings will be examined including fluvial, alluvial, lacustrine, marginal marine and deep marine environments. The various controls on the sedimentary record such as climate and sea-level change, as well as diagenesis and geochemical cycles will also be discussed. Practical exercises will require students to examine global datasets, determine the properties of sedimentary rocks, as well as collect and interpret their own field data. The course is relevant to students interested in petroleum or mineral exploration, environmental and engineering geology as well as marine geoscience.

#### Textbooks

Course notes will be available from the Copy Centre and an appropriate set of reference texts will be placed on special reserve in the library.

### GEOS3104

#### Geophysical Methods

**Credit points:** 6 **Teacher/Coordinator:** Prof Peter Hatherly, A/Prof Dietmar Müller **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical class per week. **Prerequisites:** 24 credit points of Intermediate Science units of study or (GEOS(2114/2914) and GEOS(2124/2924)) **Prohibitions:** GEOS3804, GEOS3003, GEOS 3903, GEOS3006, GEOS3906, GEOS3016, GEOS3916, GEOS3017, GEOS3917 **Assumed knowledge:** GEOS2114 and GEOS2124 **Assessment:** One 2 hour exam, practical and field reports

This unit introduces the common geophysical methods used to investigate the interior of the Earth and focuses on the techniques used for mineral and hydrocarbon exploration and production. Applications of these methods to problems in global geophysics will also be examined with an emphasis on their use in marine and terrestrial environments. On completion of this unit students will have developed a thorough understanding of the commonly used geophysical methods and will be able to evaluate and critically assess most forms of geophysical data as well as be able to actively participate in geophysical explorations. The unit is aimed at students with interests in land-based and marine resource exploration, plate tectonics, internal earth structure, and near-surface investigations of groundwater resources and environmental pollution. Students wishing

to specialise in the field and become professional geophysicists will normally need to expand upon the geophysics knowledge gained from this unit and either complete an honours project or progress to postgraduate coursework in this field.

#### Textbooks

Class notes will be supplied through the University copy Centre. Geophysical textbooks held in the library provide adequate additional information that supports the class notes.

### GEOS3053

#### Asia-Pacific Field School-Assessment A

**Credit points:** 6 **Teacher/Coordinator:** Prof Phil Hirsch **Session:** S1 Intensive **Classes:** Six weeks intensive, eight modules of 3 lectures each, ten full days equivalent fieldwork, 20 hours small group work. **Prerequisites:** 6 credit points of Intermediate units of study in Geography. Department permission is required for enrolment. **Corequisites:** GEOS3054 **Prohibitions:** GEOG3201, GEOS3953 **Assessment:** One tutorial paper, one extended field report, one exam

*Note: Department permission required for enrolment. Note: Students must contact the unit coordinator no later than the end of May in the year before taking this Unit.*

The unit of study can be taken only in coincidence with GEOS3054 and with prior permission from the unit of study coordinator. It constitutes a Field School run over a six-week period in January-February, prior to the commencement of the semester. In 2010 the Field School will be held in China, Thailand, Laos, Cambodia and Viet Nam. In other years it may be held in the South Pacific (Vanuatu and Fiji). GEOS3053 will focus on the use, development and management of the Mekong River at various scales from village to international river basin. The Field School is run in close association with local universities, whose staff and students participate in some components of the course. Places are limited, and students interested in the 2010 Field School should indicate expression of interest to philip.hirsch@usyd.edu.au before the end of May 2009.

### GEOS3054

#### Asia-Pacific Field School-Assessment B

**Credit points:** 6 **Teacher/Coordinator:** Prof Phil Hirsch **Session:** S1 Intensive **Classes:** Six weeks intensive, eight modules of 3 lectures each, ten full days equivalent fieldwork, 20 hours small group work **Prerequisites:** 6 credit points of Intermediate units of study in Geography. Department permission required for enrolment. **Corequisites:** GEOS3053 **Prohibitions:** GEOG3201, GEOS3954 **Assessment:** One tutorial paper, one extended field report, one exam

*Note: Department permission required for enrolment. Note: Students must contact the unit coordinator no later than the end of May in the year before taking this Unit.*

The unit of study can be taken only in coincidence with GEOS3053 and with prior permission from the unit of study coordinator. It constitutes a Field School run over a six-week period in January-February, prior to the commencement of the semester. In 2010 the Field School will be held in China, Thailand, Laos, Cambodia and Viet Nam. In other years it may be held in the South Pacific (Vanuatu and Fiji). GEOS3054 will focus on economic development and regional intergration in the Greater Mekong Subregion and their social & environmental implications at various scales from village to transnational region. It is run in close association with local universities, whose staff and students participate in some components of the course. Places are limited, and students interested in the 2010 Field School should indicate expression of interest to philip.hirsch@usyd.edu.au before the end of May 2009.

### GEOS3801

#### Earth's Structure and Evolutions (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Patrice Rey, Prof Geoff Clarke **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical class per week. **Prerequisites:** Distinctions in GEOS(2114/2914) and GEOS(2124/2924); Students who have a credit average for all Geoscience units may enrol in this unit with the permission of the Head of School **Prohibitions:** GEOS3101, GEOS3003, GEOS3903, GEOS3004, GEOS3904, GEOS3006, GEOS3906, GEOS3017 and GEOS3917 **Assumed knowledge:** GEOS2114, GEOS2124 **Assessment:** One 2 hour exam, practical and field reports

This unit has the same objectives as GEOS3101 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the

basis of their performance at the time of enrolment. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. Specific details for this unit of study will be announced in meetings with students in week 1 of semester.

### GEOS3802

#### Global Energy and Resources (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Derek Wyman, A/Prof Gavin Birch **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical class per week **Prerequisites:** Distinction in GEOS(2114 or 2914) and GEOS(2124 or 2924); Students who have a credit average for all Geoscience units may enrol in this unit with the permission of the Head of School. **Prohibitions:** GEOS3102, GEOS3003, GEOS3903, GEOS3004, GEOS3904, GEOS3006, GEOS3906, GEOS3017, and GEOS3917 **Assumed knowledge:** GEOS2114 and GEOS2124 **Assessment:** One 2 hour exam, practical and field reports

This unit has the same objectives as GEOS3102 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance at the time of enrolment. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. Specific details for this unit of study will be announced in meetings with students in week 1 of semester.

### GEOS3803

#### Environmental & Sedimentary Geology(Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Tom Hubble, Dr Adriana Dutkiewicz **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical class per week. **Prerequisites:** Distinctions in GEOS(2114 or 2914) and GEOS(2124 or 2924); Students who have a credit average for all Geoscience units may enrol in this unit with permission of the Head of School **Prohibitions:** GEOS3103 **Assumed knowledge:** GEOS1003, GEOS2124 **Assessment:** One 2 hour exam, practical and field reports

This unit has the same objectives as GEOS3103 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance at the time of enrolment. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. Specific details for this unit of study will be announced in meetings with students in week 1 of semester.

#### Textbooks

Course notes will be available from the copy centre and appropriate set of reference texts will be placed on special reserve in the library.

### GEOS3804

#### Geophysical Methods (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Prof Peter Hatherly, A/Prof Dietmar Müller **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical class per week. **Prerequisites:** Distinction in GEOS2114 or GEOS2914 and GEOS2124 or GEOS2924; Students who have a credit average for all Geoscience units may enrol in this unit with the permission of the Head of School **Prohibitions:** GEOS3104, GEOS3003, GEOS3903, GEOS3006, GEOS3906, GEOS3016, GEOS3916, GEOS3017, GEOS3917 **Assessment:** One 2 hour exam, practical and field reports

This unit has the same objectives as GEOS3104 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance at the time of enrolment. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. Specific details for this unit of study will be announced in meetings with students in week 1 of semester.

#### Textbooks

Class notes will be supplied through the University Copy Centre. Geophysical textbooks held in the library provide adequate additional information that supports the class notes.

### GEOS3908

#### Field Geology and Geophysics (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Patrice Rey, Prof Peter Hatherly **Session:** Semester 2 **Classes:** 14 days of fieldwork. **Prerequisites:** Distinction

average in 12 credit points of Intermediate GEOS units. Department permission required for enrolment. **Prohibitions:** GEOS3008 **Assessment:** Written reports and field exercises

*Note: Department permission required for enrolment. Note: A Distinction average in prior Geology units of study is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.*

This unit has the same objectives as GEOS3008 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance at the time of enrolment. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. Specific details for this unit of study will be announced in meetings with students in week prior to the field camp which is usually in the break between semester 1 and 2. This unit of study may be taken as part of the BSc (Advanced).

### GEOS3909

#### Coastal Environments and Processes (Adv)

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Gavin Birch, Dr Ana Vila Concejo **Session:** Semester 1 **Classes:** Three 1 hour lectures, two 3 hour practicals per week, fieldwork. **Prerequisites:** Distinction average in ((6 credit points of Intermediate Geoscience\* units) and (6 further credit points of Intermediate Geoscience or 6 credit points of Physics, Mathematics, Information Technology or Engineering units) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906))) **Prohibitions:** GEOS3009, MARS3003, MARS3105 **Assessment:** One 2 hour exam, two 1500 word reports.

*Note: A distinction average in prior Geography or Geology units is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.*

Advanced students will complete the same core lecture material as for GEOS3009 but will carry out more challenging projects, practicals, assignments and tutorials.

### GEOS3914

#### GIS in Coastal Management (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Peter Cowell, Dr Eleanor Bruce **Session:** Semester 2 **Classes:** Two hours of lectures, one 3 hour practical per week comprising one 1 hour practical demonstration and one 2 hour practical **Prerequisites:** Distinction average in 12 credit points of Intermediate geography or geology units or GEOS (2115 or 2915) and BIOL (2018 or 2918). Department permission required for enrolment **Prohibitions:** GEOS3014, MARS3104 **Assessment:** One 2 hour exam, project work, two practical-based project reports, fortnightly progress quizzes

*Note: Department permission required for enrolment. Note: A distinction average in prior Geography, Geology or Marine Science units of study is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.*

Advanced students will complete the same core lecture material as for GEOS3014 but will carry out more challenging projects, practicals, assignments and tutorials.

### GEOS3915

#### Environmental Geomorphology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Stephen Gale **Session:** Semester 2 **Classes:** 3 hours lectures, 6 hours practical per week, fieldwork **Prerequisites:** Distinction average in 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geography units of study. **Prohibitions:** GEOS3015 **Assessment:** One 2 hour exam, two 1500 word essays, prac and field reports

*Note: Department permission required for enrolment.*

Advanced students will complete the same core lecture material as for GEOS3015, but will carry out more challenging projects, practicals, and field reports.

### GEOS3918

#### Rivers: Science and Management (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Melissa Neave **Session:** Semester 1 **Classes:** Two 1 hour lecture, one 1 hour tutorial, two 4 hour practicals per week, fieldwork **Prerequisites:** Distinction average in (24 credit points of Intermediate units of study including 6 credit points of Intermediate Geography units of study) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906)) **Prohibitions:** GEOS3018 **Assessment:** One 2 hour exam, two 1500 word essays

Advanced students will complete the same core lecture material as for GEOS3018, but will carry out more challenging projects, practicals, assignments and tutorials.

### GEOS3921

#### Sustainable Cities (Adv)

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Phil McManus **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour practical/tutorial per week **Prerequisites:** Distinction average 24 credit points of Intermediate Units of study including 6 credit points of Intermediate Geography units of study. **Prohibitions:** GEOG3521, GEOG3202 **Assessment:** One 2 hour exam; 2000 word essay, tutorial papers, practical reports

Advanced students will complete the same core lecture material as for GEOG3521, but will carry out more challenging projects, practicals, assignments and tutorials.

### GEOS3922

#### Cities and Citizenship (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Kurt Iveson **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour practical per week **Prerequisites:** Distinction average in 24 credit points of Intermediate Units of study including 6 credit points of Intermediate Geography units of study. **Prohibitions:** GEOS3522 **Assessment:** One 2 hour exam; e-Sim assignments, tutorial papers

Advanced students will complete the same core lecture material as for GEOS3022, but will carry out more challenging projects, assignments and tutorials.

### GEOS3953

#### Asia-Pacific Field School-A (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Prof Phil Hirsch **Session:** S1 Intensive **Classes:** Six weeks intensive, eight modules of 3 lectures each, 10 full days equivalent fieldwork, 20 hours small group work **Prerequisites:** Distinction average in 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geography units of study. Department permission required for enrolment. **Corequisites:** GEOS3954 **Prohibitions:** GEOS3053 **Assessment:** One tutorial paper, one extended field report, one exam

*Note: Department permission required for enrolment. Note: Students must contact the unit coordinator no later than the end of May in the year before taking this Unit.*

The unit of study can be taken only in coincidence with GEOS 3954 and with prior permission from the unit of study coordinator. It constitutes a Field School run over a six- week period in January-February, prior to the commencement of the semester. In 2010 the Field School will be held in China, Thailand, Laos, Cambodia and Viet Nam. In other years it may be held in the South Pacific (Vanuatu and Fiji). GEOS3953 will focus on the use, development and management of the Mekong River at various scales from village to international river basin. The Field School is run in close association with local universities, whose staff and students participate in some components of the course. Places are limited, and students interested in the 2010 Field School should indicate expression of interest to philip.hirsch@usyd.edu.au before the end of May 2009. Advanced students will carryout more challenging fieldwork reports.

### GEOS3954

#### Asia-Pacific Field School-B (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Prof Phil Hirsch **Session:** S1 Intensive **Classes:** Six weeks intensive, eight modules of 3 lectures each, 10 full days equivalent fieldwork, 20 hours small group work **Prerequisites:** Distinction average in 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geography units of study. Department permission required for enrolment. **Corequisites:** GEOS3953 **Prohibitions:** GEOS3054 **Assessment:** One tutorial paper, one extended field report, one exam

*Note: Department permission required for enrolment. Note: Students must contact the unit coordinator no later than the end of May in the year before taking this Unit.*

The unit of study can be taken only in coincidence with GEOS 3953 and with prior permission from the unit of study coordinator. It constitutes a Field School run over a six- week period in January-February, prior to the commencement of the semester. In 2010 the Field School will be held in China, Thailand, Laos, Cambodia and Viet Nam. In other years it may be held in the South Pacific

(Vanuatu and Fiji). GEOS3954 will focus on the use, development and management of the Mekong River at various scales from village to international river basin. The Field School is run in close association with local universities, whose staff and students participate in some components of the course. Places are limited, and students interested in the 2010 Field School should indicate expression of interest to philip.hirsch@usyd.edu.au before the end of May 2009. Advanced students will carry out more challenging fieldwork reports.

## Geography or Geology and Geophysics Honours

Offered February and July. Information sessions about Geography or Geology and Geophysics Honours are held for interested third year students during Second Semester. Students contemplating Honours in their fourth year should consider possible thesis topics and discuss these with potential staff supervisors. Entry into fourth year Honours will require completion of units in Intermediate and Senior Geoscience units (to be passed at the level of credit or better) and a satisfactory WAM. In some years when the number of applicants exceeds resources (availability of supervisors, laboratory space etc.) offers will be made according to academic merit. Students will be notified in January of their formal acceptance into the Honours program. Honours students are required to undertake formal coursework during their first semester and to participate in seminars throughout the year as arranged. They will be required to study original problems, working as appropriate in the field, the laboratory, libraries, and in some instances in conjunction with other university or government departments. A dissertation of not more than 20 000 words must be submitted during the second semester, followed by an examination that may include both written and oral work. Further details relating to Geography or Geology and Geophysics Honours are available from the Honours Coordinator.

## Geosciences Postgraduate Study

Details concerning fields of postgraduate study in Geology and Geophysics may be obtained from Dr Derek Wyman or the Head of School. Details concerning Geography may be obtained from A/Prof Deirdre Dragovich or the Head of School.

## History and Philosophy of Science

History and Philosophy of Science (HPS) allows students to enrich and deepen their knowledge of science and stand back from the specialised concerns of their other subjects by gaining a broader perspective on what science is, how it acquired its current form and how it fits into contemporary society. HPS is particularly relevant for students hoping to make careers in science policy, science administration, science education and science journalism. Any student with a genuine interest in science will derive benefit from study in HPS.

### Course Advice

An advisor will be available in the Unit for History and Philosophy of Science during the enrolment period. The Unit is located on Level 4 of the Carlaw Building. More detailed information on courses is available either in a handbook from the Unit office or electronically via the Unit website <http://www.usyd.edu.au/hps/>. The Unit for History and Philosophy of Science offers the Junior unit of study Bioethics (HPSC1000), which analyses and discusses the ethical concerns raised by scientific accomplishments in modern society. Students interested in related topics should consider taking the unit Concepts and Issues in Physical Science (PHYS1600) offered in the School of Physics. This unit serves as useful background for further studies in HPS and is offered as an Arts unit for all students, including students enrolled in the Faculty of Science.

## Junior units of study

### HPSC1000 Bioethics

**Credit points:** 6 **Teacher/Coordinator:** Dr Catherine Mills **Session:** Semester 1 **Classes:** One 1 hour and one 2 hour lecture and one 1 hour tutorial per week. **Prohibitions:** HPSC1900 **Assessment:** Short essays, tutorial work, tests.

*Note: This Junior unit of study is highly recommended to Intermediate and Senior Life Sciences students.*

Science has given us nearly infinite possibilities for controlling life. Scientists probe the origins of life through research with stem cells and embryos. To unlock the secrets of disease, biomedicine conducts cruel experiments on animals. GM crops are presented as the answer to hunger. Organ transplantation is almost routine. The international traffic in human body parts and tissues is thriving. The concept of brain death makes harvesting organs ethically more acceptable. It may also result in fundamental changes in our ideas about life. Science has provided new ways of controlling and manipulating life and death. As a consequence, difficult ethical questions are raised in increasingly complex cultural and social environments. This course will discuss major issues in the ethics of biology and medicine, from gene modification to Dolly the sheep. This unit will be introductory, but a small number of topical issues will be studied in depth. No scientific background beyond School Certificate level will be assumed.

*Textbooks*  
Course reader

### HPSC1900 Bioethics (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Catherine Mills **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 1 hour tutorial per week. **Prohibitions:** HPSC1000 **Assessment:** Tutorial work, essays, exam, tutorial participation.

*Note: Department permission required for enrolment.*

The topics covered by HPSC1000 - Bioethics will be treated in more depth, in a special tutorial set aside for Advanced students.

*Textbooks*  
Course reader

## Intermediate units of study

There are two Intermediate units of study offered by the Unit for History and Philosophy of Science. They provide a broad background in the history and the philosophy of science, and a solid background for students in arts and science who wish to acquaint themselves with principles and methods in the history and philosophy of science. For students who wish to major in HPS, they provide essential background knowledge.

### HPSC2100 The Birth of Modern Science

**Credit points:** 6 **Teacher/Coordinator:** Dr Ofer Gal **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 1 hour tutorial per week. **Prerequisites:** 24 credit points of Junior units of study **Prohibitions:** HPSC2002, HPSC2900 **Assessment:** Short essays, tutorial work, tests.

Modern culture is a culture of science. Modern Western science is the outcome of a historical process of 2,500 years. In this course we investigate how Western knowledge-theoretical, technological and medical-acquired the characteristics of modern science: its specific social structure, contents, values and methods. We will look at some primary chapters of this process, from antiquity to the end of the seventeenth century, and try to understand their implications to understanding contemporary science in its culture. Special emphasis will be given to the scientific revolution of the seventeenth century, which is often described as the most important period in the history of science and as one of the most vital stages in human intellectual history.

*Textbooks*  
Dear, Peter: Revolutionizing the Sciences: European Knowledge and Ambitions, 1500-1700. Princeton: Princeton University Press (2001)

### HPSC2101 What Is This Thing Called Science?

**Credit points:** 6 **Teacher/Coordinator:** Dr Dominic Murphy **Session:** Semester 2, Summer Main **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 24 credit points of Junior units of study **Prohibitions:** HPSC2001, HPSC2901 **Assessment:** Short essays, tutorial work, tests.

Philosophers of science aim to define what distinguishes creationism from evolutionary theory, or astrology from astronomy. They give reasons why we can believe that today's theories are improvements over those that preceded them and how we know that what we see and do in scientific practice reflects the nature of reality. This course critically examines the most important attempts to define the scientific method, to draw a line dividing science from non-science, and to justify the high status generally accorded to scientific knowledge. The philosophies of science studied include Karl Popper's idea that truly scientific theories are falsifiable, Thomas Kuhn's proposal that science consists of a series of paradigms separated by scientific revolutions; and Feyerabend's anarchist claim that there are no objective criteria by which science can be distinguished from pseudo-science. This unit of study also explores contemporary theories about the nature of science and explores ideas about the nature of the experimental method and concepts such as underdetermination, the nature of scientific explanation, theory confirmation, realism, the role of social values in science, sociological approaches to understanding science, and the nature of scientific change.

#### Textbooks

Alan F Chalmers. *What Is This Thing Called Science?* 3rd edition.  
Course reader

### HPSC2900

#### The Birth of Modern Science (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Ofer Gal **Session:** Semester 1  
**Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** Enrolment in the Talented Student Program or 24 credit points of Junior study with a Distinction average **Prohibitions:** HPSC2002, HPSC2100 **Assessment:** Short essays, tutorial work, tests.

*Note: Department permission required for enrolment.*

The topics covered in 'The Birth of Modern Science' will be covered in more depth, in a special tutorial set aside for advanced students.

#### Textbooks

Henry, J. *The Scientific Revolution and the Origins of Modern Science.*  
Course reader

### HPSC2901

#### What Is This Thing Called Science? (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Dominic Murphy **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** Enrolment in the Talented Student Program or 24 credit points of Junior study with a Distinction average **Prohibitions:** HPSC2002, HPSC2100 **Assessment:** Short essays, tutorial work, tests.

*Note: Department permission required for enrolment.*

The topics covered in 'What is This Thing Called Science?' will be covered in more depth, in a special tutorial set aside for advanced students.

#### Textbooks

Alan F Chalmers. *What Is This Thing Called Science?* 3rd edition.  
Course reader

## Senior units of study

Students wishing to major in History and Philosophy of Science in either the BSc, BA or BLibSt must take 24 credit points from the following Senior units of study. Our Intermediate courses provide students with a background in the history and philosophy of science. HPSC3022 Science and Society, provides students with an essential background in the sociology of science. This unit of study is compulsory for majors in history and philosophy of science.

### HPSC3002

#### History of Biological/Medical Sciences

**Credit points:** 6 **Teacher/Coordinator:** Dr Hans Pols **Session:** Semester 2 **Classes:** Two 1 hour lectures and two 1 hour tutorials per week. **Prerequisites:** At least 12 credit points of Intermediate HPSC units or Credit or better in at least 6 credit points of Intermediate HPSC units, and at least 24 credit points of Intermediate or Senior units **Assumed knowledge:** HPSC (2001 and 2002) or HPSC (2100 and 2101) **Assessment:** Short essays, presentation, tutorial work, final essay.

Throughout the ages people have been born, have died, and in between have lived in various stages of sickness or health. In this unit

of study we shall look at how these states of being were perceived in different times and places throughout history, while at the same time noting the increasing medicalisation of everyday life, together with the irony that the "miracles" of modern medicine appear to have created a generation of the "worried well". Using this historical perspective, we shall ask how perceptions of sickness, health and the related provision of health care have been intertwined with social, political and economic factors and, indeed still are today.

#### Textbooks

Course reader

### HPSC3016

#### The Scientific Revolution

**Credit points:** 6 **Teacher/Coordinator:** Dr Ofer Gal **Session:** Semester 2 **Classes:** Two 1 hour lectures and two 1 hour tutorials per week. Individual student consultation as required. **Prerequisites:** At least 12 credit points of Intermediate HPSC units or Credit or better in at least 6 credit points of Intermediate HPSC units, and at least 24 credit points of Intermediate or Senior units. **Prohibitions:** HPSC3001, HPSC3106 **Assumed knowledge:** HPSC (2100 and 2101) or HPSC (2001 and 2002) **Assessment:** Take-home tests, short essays, tutorial participation.

Modern Western science has a number of characteristics which distinguish it from other scientific cultures. It ascribes its tremendous success to sophisticated experiments and meticulous observation. It understands the universe in terms of tiny particles in motion and the forces between them. It is characterised by high-powered mathematical theorising and the rejection of any intention, value or purpose in Nature. Many of these characteristics were shaped in the 17th century, during the so called scientific revolution. We will consider them from an integrated historical-philosophical perspective, paying special attention to the intellectual motivations of the canonical figures of this revolution and the cultural context in which they operated. Topics will include: experimentation and instrumentation, clocks, mechanistic philosophy, and the changing role of mathematics.

#### Textbooks

Course reader

### HPSC3021

#### Philosophy and Sociology of Biology

**Credit points:** 6 **Teacher/Coordinator:** Dr Dominic Murphy **Session:** Semester 1 **Classes:** Two 1 hour lectures and two 1 hour tutorials per week **Prerequisites:** At least 12 credit points of Intermediate HPSC units or Credit or better in at least 6 credit points of Intermediate HPSC units, and at least 24 credit points of Intermediate or Senior units. **Prohibitions:** HPSC3103 **Assumed knowledge:** HPSC (2100 and 2101) or HPSC (2001 and 2002). **Assessment:** Essays, take home tests, tutorial assessment.

The first part of this class examines the development of evolutionary theory from Darwin and Mendel up to the modern synthetic theory. We will investigate the various conceptual changes and important empirical breakthroughs that have contributed to contemporary biology. The second part of the course will discuss disputed concepts in current biological thinking. We will explore the different understandings of the gene within evolutionary biology and molecular biology and rival understandings of the nature and importance of natural selection.

No previous study of biology is assumed.

#### Textbooks

Course reader

### HPSC3022

#### Science and Society

**Credit points:** 6 **Teacher/Coordinator:** Dr Chris Degeling **Session:** Semester 1 **Classes:** Two 1 hour lectures and two 1 hour tutorials per week. **Prerequisites:** At least 12 credit points of Intermediate HPSC units or Credit or better in at least 6 credit points of Intermediate HPSC units, and at least 24 credit points of Intermediate or Senior units. **Prohibitions:** HPSC3003 **Assumed knowledge:** HPSC (2100 and 2101) or HPSC (2001 and 2002). **Assessment:** Short essays, tutorial work, presentation.

*Note: This unit is a requirement for HPS majors.*

Science has become an essential element of Western societies. It is impossible to imagine our lives today without the achievements of science, technology, and medicine. Many scientists and laypeople think that scientific knowledge transcends political, social, cultural,

and economic conditions. Sociologists of science think otherwise. In this unit, we will investigate the nature of science, the position of science in society, and the internal dynamics of science.

Sociologists of science have compared scientific knowledge to a ship in a bottle: if you see the finished product, you can't understand how it came about, and you can't believe that it is not what it claims to be: the empirically-determined truth about the world. In this unit, we will have a close look at some of these ships in bottles and examine how they got there. When observing science-in-the-making, rather than the finished product, the factors that influence science become much clearer. We will introduce some of the most exciting and innovative ideas about what science is and how it works by examining the sociological and anthropological approaches to science that have become the basis for research in the social studies of science, technology, and medicine, including: the norms of science, scientists' images of themselves, the boundaries between science and other subjects, the rhetoric of scientific writing, laboratory work, science museums and science in the media.

#### Textbooks

S. Sismondo, *An Introduction to Science and Technology Studies*

### HPSC3023

#### Psychology & Psychiatry: History & Phil

**Credit points:** 6 **Teacher/Coordinator:** Dr Hans Pols and Dr Fiona Hibberd **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 2 hour tutorial per week. **Prerequisites:** (at least 12 credit points of intermediate HPSC Units of study) OR (a CR or above in one HPSC intermediate Unit of Study) OR (12 intermediate credit points in psychology). **Prohibitions:** PSYC3202 **Assumed knowledge:** Basic knowledge about the history of modern science as taught in HPSC2100 AND the principles of philosophy of science as taught in HPSC2101 OR knowledge of the various sub-disciplines within Psychology. **Assessment:** Take-home essay (2500 words), one 2 hour exam, tutorial work.

Across the unit we examine one of the most interesting aspects of the history and philosophy of science. viz., the scientific practices and assumptions involved in making human beings an object of study. We will examine the ways in which psychologists and psychiatrists have investigated human nature, the kinds of experimental approaches they have developed to that end, the major controversies in this field, and the basic philosophical assumptions that have been made in the sciences of human nature. We investigate the developments of psychological theories and investigative methods as well as the development of psychiatric theory, treatment methods, and institutions.

#### Textbooks

Course reader

Leahey, TH (2004). *A History of Psychology: Main currents in Psychological Thought*. Pearson. Upper Saddle River, N.J.

### HPSC3024

#### Science and Ethics

**Credit points:** 6 **Teacher/Coordinator:** Dr Jane Johnson **Session:** Semester 2 **Classes:** Two 1 hour lectures and two 1 hour tutorials per week. **Prerequisites:** At least 24 credit points of Intermediate or Senior units of study **Prohibitions:** HPSC3007 **Assessment:** Short essays, tutorial work, tests.

Science is a powerful institution but its reputation as a noble pursuit of truth was tarnished by a number of developments in the twentieth century, like the dropping of the atomic bombs in WWII and the involvement of doctors in Nazi medicine. These incidents shook the faith of many scientists and others in the direction of science and the ethics of its practitioners. While science can furnish a strong factual account of the world, it lacks the internal resources to deal with the many normative questions it raises. On its own science cannot answer questions about right and wrong, about how we ought to make decisions and act. Instead it must appeal to ethics to help formulate adequate responses. Throughout the semester we will use the lens of scientific responsibility to frame and explore a number of questions intended to help expose important ethical issues in science, and to help you develop and articulate thoughtful answers and arguments. Such questions will include: Is science objective and value free? What is scientific fraud and does the very nature of the practice of science make fraud more likely? Do scientists have an obligation to disseminate their findings, and how does the increasing role of commercialization affect the responsibilities of scientists? Can we

separate out science from its applications and thereby absolve scientists of ethically problematic outcomes? Should some scientific questions simply not be pursued, i.e. do they constitute forbidden knowledge? Can the methods of scientists be unethical and does unethical practice equate to bad science?

#### Textbooks

Course reader

## History and Philosophy of Science Honours

An Honours course in HPS is available to students of sufficient merit who have satisfied the requirements for the degree of BSc or BA or BLibSt with a major in HPS or another relevant area. Students who have obtained the TSP Certificate in HPS are also eligible for the Honours program. The Honours course consists of 48 points of Honours level units of study, which must include HPSC4201 HPS Research Project 1, HPSC4202 HPS Research Project 2, HPSC4203 HPS Research Project 3 and HPSC4204 HPS Research Project 4. In their final semester all students must also enrol in the zero credit point non-assessable unit HPSC4999. Students intending to proceed to Honours or to enrol in the Graduate Diploma in Science (HPS) are strongly advised to contact the Unit towards the end of the previous academic year to discuss thesis topic and supervision. Note: Honours level (4000) Units of Study are available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission. A number of our Honours-level courses are also open to students in the medical humanities and liberal studies.

### HPSC4101

#### Philosophy of Science

**Credit points:** 6 **Teacher/Coordinator:** Dr Dean Rickles **Session:** Semester 1 **Classes:** One 2 hour seminar per week, individual consultation. **Prerequisites:** Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission. **Assessment:** Written assignment, seminar participation.

*Note: Department permission required for enrolment.*

In this course we explore a range of issues from within the philosophy of physics. We focus on the interpretation of the theories physics provides, examining how these theories might describe our world. The course will assume some basic mathematical literacy, but most technical matters will be introduced in class.

#### Textbooks

Course reader.

### HPSC4102

#### History of Science

**Credit points:** 6 **Teacher/Coordinator:** Dr Ofer Gal Taught by HPS staff and guest lecturers. **Session:** Semester 1, Semester 2 **Classes:** One 2 hour seminar per week. **Prerequisites:** Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission. **Assessment:** Essays, seminar participation.

*Note: Department permission required for enrolment.*

This unit explores major episodes in the history of science from the 18th century until the present as well as introducing students to historiographic methods. Special attention is paid to developing practical skills in the history and philosophy of science.

#### Textbooks

Course reader

### HPSC4103

#### Sociology of Science

**Credit points:** 6 **Teacher/Coordinator:** Dr Hans Pols **Session:** Semester 2 **Classes:** One 2 hour seminar per week, individual consultation. **Prerequisites:** Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission. **Assessment:** Essays, fieldwork report, seminar participation mark.

*Note: Department permission required for enrolment.*

This unit explores recent approaches in the social studies of scientific knowledge. Students evaluate various sociological approaches by conducting their own research on topics relevant to their own major thesis.

The unit starts with an overview of the development of history and philosophy of science since 1945, to put the emergence of the sociology of science into perspective, before moving on to a selection of readings from the field. Topics will include: the strong program critique of traditional philosophy of science, the sociology of technology, the impact of feminism on the study of science, and the actor-network approach developed by Bruno Latour and Michel Callon.

*Textbooks*  
Course reader

#### HPSC4104 Recent Topics in HPS

**Credit points:** 6 **Teacher/Coordinator:** HPS Staff **Session:** Semester 1, Semester 2 **Classes:** One 2 hour seminar per week, individual consultation. **Prerequisites:** Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission. **Assessment:** Essays, seminar participation.

*Note: Department permission required for enrolment.*

An examination of one area of the contemporary literature in the history and philosophy of science. Special attention will be paid to development of research skills in the history and philosophy of science.

*Textbooks*  
Course reader

#### HPSC4105 HPS Research Methods

**Credit points:** 6 **Teacher/Coordinator:** Dr Hans Pols **Session:** Semester 1, Semester 2 **Classes:** One 2 hour seminar per week, individual consultation. **Prerequisites:** Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission. **Assessment:** Literature review, archival research project, seminar participation mark, short essays.

*Note: Department permission required for enrolment.*

Adopting a seminar style, this unit provides students with an advanced knowledge of the skills necessarily to conduct their own original research in the sociology, history and philosophy of science. Participants will be given a weekly set of core readings, and specialists both from within the Unit and from outside will present their views on the topic in question. This presentation will form the basis for a discussion involving the students, the academic members of the Unit, and invited speakers.

Topics will include: the use of case studies in the philosophy of science, how to conduct oral history projects, institutional history, and sociological methodology.

*Textbooks*  
Course reader

#### HPSC4108 Core topics: History & Philosophy of Sci

**Credit points:** 6 **Teacher/Coordinator:** HPS staff. **Session:** Semester 1, Semester 2 **Classes:** One 2 hour seminar per week. **Prerequisites:** Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission **Prohibitions:** Not available to students who have completed a major in History and Philosophy of Science or an equivalent program of study at another institution. **Assessment:** Essays, seminar presentations, seminar participation mark.

*Note: Department permission required for enrolment.*

An intensive reading course, supported by discussion seminars, into core topics in HPS.

#### HPSC4201 HPS Research Project 1

**Credit points:** 6 **Teacher/Coordinator:** HPS Staff **Session:** Semester 1, Semester 2 **Classes:** Weekly individual supervision, fortnightly 90-minute research seminars. **Prerequisites:** Available only to students admitted to HPS Honours and Graduate Diploma or Certificate in Science (History and Philosophy

of Science). **Prohibitions:** HPSC4106, HPSC4107 **Assumed knowledge:** HPSC (2001 and 2002) or HPSC (2100 and 2101) **Assessment:** HPSC4201, HPSC4202, HPSC4203 and HPSC4204 are jointly assessed by a research thesis of up to 15,000 words.

*Note: Department permission required for enrolment.*

Research into a topic in history, philosophy or sociology of science under the supervision of one or more members of the HPS staff.

#### HPSC4202 HPS Research Project 2

**Credit points:** 6 **Teacher/Coordinator:** HPS Staff **Session:** Semester 1, Semester 2 **Classes:** Weekly individual supervision, fortnightly 90-minute research seminars. **Prerequisites:** Available only to students admitted to HPS Honours and Graduate Diploma or Certificate in Science (History and Philosophy of Science). **Prohibitions:** HPSC4106 and HPSC4107 **Assumed knowledge:** HPSC (2001 and 2002) or HPSC (2100 and 2101) **Assessment:** HPSC4201, HPSC4202, HPSC4203 and HPSC4204 are jointly assessed by a research thesis of up to 15,000 words.

*Note: Department permission required for enrolment.*

Research into a topic in history, philosophy or sociology of science under the supervision of one or more members of the HPS staff.

#### HPSC4203 HPS Research Project 3

**Credit points:** 6 **Teacher/Coordinator:** HPS Staff **Session:** Semester 1, Semester 2 **Classes:** Weekly individual supervision, fortnightly 90-minute research seminars. **Prerequisites:** Available only to students admitted to HPS Honours and Graduate Diploma or Certificate in Science (History and Philosophy of Science). **Prohibitions:** HPSC4106, HPSC4107 **Assumed knowledge:** HPSC (2001 and 2002) or HPSC (2100 and 2101) **Assessment:** HPSC4201, HPSC4202, HPSC4203 and HPSC4204 are jointly assessed by a research thesis of up to 15,000 words.

*Note: Department permission required for enrolment.*

Research into a topic in history, philosophy or sociology of science under the supervision of one or more members of the HPS staff.

#### HPSC4204 HPS Research Project 4

**Credit points:** 6 **Teacher/Coordinator:** HPS Staff **Session:** Semester 1, Semester 2 **Classes:** Weekly individual supervision, fortnightly 90-minute research seminars. **Prerequisites:** Available only to students admitted to HPS Honours and Graduate Diploma or Certificate in Science (History and Philosophy of Science). **Prohibitions:** HPSC4106, HPSC4107 **Assumed knowledge:** HPSC (2001 and 2002) or HPSC (2100 and 2101) **Assessment:** HPSC4201, HPSC4202, HPSC4203 and HPSC4204 are jointly assessed by a research thesis of up to 15,000 words.

*Note: Department permission required for enrolment.*

Research into a topic in history, philosophy or sociology of science under the supervision of one or more members of the HPS staff.

#### HPSC4999 History & Philosophy of Science Honours

**Session:** Semester 1, Semester 2 **Prerequisites:** Available only to students admitted to HPS Honours.

*Note: Department permission required for enrolment.*

All students in History and Philosophy of Science Honours must enrol in this non-assessable unit of study in their final semester.

## Immunobiology major

The Discipline of Infectious Diseases and Immunology administers the Immunobiology Major. Our location is on Level 6, Blackburn Building D06. Further information from Dr Allison Abendroth (phone: (02) 93516867, email: a.abendroth@usyd.edu.au) or Dr Scott Byrne (phone: (02)93517308, email: scottb@med.usyd.edu.au). A major in Immunobiology requires successful completion of 12 credit points of Senior study in Immunology plus 12 credit points from the elective Senior units of study in Biochemistry, Biology, Cell Pathology, Molecular Biology and Genetics, Microbiology, Physiology or Virology listed in Table I. Participants in the Immunobiology major will select accompanying Senior units according to their particular interest. Concurrent study in the life science disciplines will add a depth of understanding in a particular aspect of immunology. Participants are



invited to consult with either Dr Allison Abendroth or Dr Scott Byrne as well as with elective unit of study co-ordinators before selecting concurrent study units and should note that a unit of study taken as part of the Immunobiology Major cannot count towards a major in another Science discipline area.

## Immunology

Immunology is offered as Introductory Immunology (IMMU2101) at Intermediate level, Molecular and Cellular Immunology (IMMU3102) and Immunology in Human Disease (IMMU3202) at Senior level, and Immunology Honours. Further information can be obtained from Dr Allison Abendroth (phone: (02) 93516867, email: a.abendroth@usyd.edu.au) or Dr Scott Byrne (phone: (02)93517308, email: scottb@med.usyd.edu.au).

### Immunology intermediate units of study

#### IMMU2101

##### Introductory Immunology

**Credit points:** 6 **Teacher/Coordinator:** Dr Scott Byrne **Session:** Semester 1 **Classes:** Two 1 hour lectures per week, one 3 hour tutorial or practical or independent study per week. **Prerequisites:** 24 credit points of Junior units of study from any of the Science discipline areas. **Prohibitions:** IMMU2001, BMED2506, BMED2807 **Assumed knowledge:** Junior Biology and Junior Chemistry. **Assessment:** Progressive assessment (50%): includes written, practical and oral based assessments; Formal assessment (50%): one 2 hour examination (60%).

*Note: This is a prerequisite unit of study for IMMU3102 and IMMU3202. The completion of 6 credit points of MBLG units of study is highly recommended.*

This unit of study will provide an overview of the human immune system and essential features of immune responses. The lecture course begins with a study of immunology as a basic research science. This includes the nature of the cells and molecules that recognise antigens and how these cells respond at the cellular and molecular levels. Practical/tutorial sessions will illustrate particular concepts introduced in the lecture program. Further lectures and self-directed learning sessions will integrate this fundamental information into studies of mechanisms of host defence against infection, transplantation as well as dysfunction of the immune system including allergy, immunodeficiency and autoimmune diseases and cancer.

##### Textbooks

Abbas, AK, Lichtman, AH. Basic Immunology Functions and Disorders of the Immune System. Saunders 3rd Edition. 2009.

### Immunology senior units of study

#### IMMU3102

##### Molecular and Cellular Immunology

**Credit points:** 6 **Teacher/Coordinator:** Dr Allison Abendroth **Session:** Semester 2 **Classes:** Three 1 hour lectures, one tutorial and one practical per fortnight. **Prerequisites:** BMED2807 or IMMU2101 and 6cp of Intermediate units of study from Biochemistry or Biology or Microbiology or Molecular Biology and Genetics or Pharmacology or Physiology. **Prohibitions:** IMMU3002, BMED3003 **Assumed knowledge:** Intermediate biochemistry and molecular biology and genetics. **Assessment:** Formal examination: 60% one 2 hour exam. Progressive assessment: 40% includes practical assessment (lab quizzes/practical assignment), 1500-word essay, tutorial presentation

*Note: The completion of 6 CP of MBLG units of study is highly recommended. Concurrent study of IMMU3202 Immunology in Human Disease is strongly recommended.*

This study unit builds on the series of lectures that outlined the general properties of the immune system, effector lymphocytes and their functions, delivered in the core courses, IMMU2101 - Introductory Immunology and BMED2807 -Microbes & Body Defences (formerly IMMU2001 and BMED2506). In this unit the molecular and cellular aspects of the immune system are investigated in detail. We emphasise fundamental concepts to provide a scientific basis for studies of the coordinated and regulated immune responses that lead to elimination of infectious organisms. Guest lectures from research scientists eminent in particular branches of immunological research are a special feature of the course. These provide challenging information from the forefront of research that will enable the student to become aware of the many components that come under the broad

heading 'Immunology'. Three lectures (1 hour each) will be given each fortnight: 2 lectures in one week and one lecture the following week, for the duration of the course. This unit directly complements the unit "Immunology in human disease IMMU3202" and students are strongly advised to undertake these study units concurrently.

##### Textbooks

Abbas, AK, Lichtman, AH and Pillai, S. Cellular and Molecular Immunology 6th edition. 2007. WB Saunders Company and/or Janeway, CA, Travers, P, Walport, M and Shlomchik, M. Immunobiology - the Immune System in Health and Disease 6th edition. Garland Press. 2005.

#### IMMU3202

##### Immunology in Human Disease

**Credit points:** 6 **Teacher/Coordinator:** Dr Allison Abendroth **Session:** Semester 2 **Classes:** Three 1 hour lectures, one tutorial and one practical per fortnight. **Prerequisites:** BMED2807 or IMMU2101 and 6cp of Intermediate units of study from Biochemistry, or Biology or Microbiology or Molecular Biology and Genetics or Pharmacology or Physiology. **Prohibitions:** IMMU3002, BMED3003 **Assumed knowledge:** Intermediate biochemistry and molecular biology and genetics. **Assessment:** Progressive assessment: 40% includes practical assignment, portfolio of case studies, poster presentation, tutorial presentation. Formal examination: 60% one 2 hour exam.

*Note: The completion of 6CP of MBLG units of study is highly recommended. Concurrent study of IMMU3102 Molecular and Cellular Immunology is very strongly recommended.*

This study unit builds on the series of lectures that outlined the general properties of the immune system, effector lymphocytes and their functions, delivered in the core courses, IMMU2101 - Introductory Immunology and BMED2807 - Microbes & Body Defences (formerly IMMU2001 and BMED2506). We emphasise fundamental concepts to provide a scientific basis for studies in clinical immunology; dysfunctions of the immune system e.g. autoimmune disease, immunodeficiencies, and allergy, and immunity in terms of host - pathogen interactions. This unit has a strong focus on significant clinical problems in immunology and the scientific background to these problems. The unit includes lectures from research scientists and clinicians covering areas such as allergy, immunodeficiency, autoimmune disease and transplantation. This course provides challenging information from the forefront of clinical immunology and helps the student develop an understanding of immune responses in human health and disease. Three lectures (1 hour each) will be given each fortnight: 2 lectures in one week and one lecture the following week, for the duration of the course. This unit directly complements the unit "Molecular and Cellular Immunology" and students are very strongly advised to undertake these study units concurrently.

##### Textbooks

Abbas, AK, Lichtman, AH, Cellular and Molecular Immunology 5th edition 2003. WB Saunders Company and/or Janeway, CA, Travers, P, Walport, M and Shlomchik, M. Immunobiology -the immune system in health and disease 6th edition. Garland Press. 2005. Rosen and Geha. Case studies in immunology-a clinical companion 4th edition. Garland Press. 2005

#### IMMU3902

##### Molecular and Cellular Immunology (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Allison Abendroth **Session:** Semester 2 **Classes:** 3 lectures, 1 special seminar/tutorial (2 hours), 1 practical (4 hours) every 2 weeks **Prerequisites:** Distinction in Intermediate Immunology IMMU2101 and 6CP of intermediate units of study from Biochemistry or Biology or Microbiology or Molecular Biology and Genetics or Pharmacology or Physiology. For BMedSc students: 36 credit points of intermediate BMED units including Distinction in BMED2802 **Prohibitions:** IMMU3102 **Assumed knowledge:** Intermediate biochemistry and molecular biology and genetics. **Assessment:** Progressive assessment: 40% includes practical work and assignment, essay, tutorial presentation

This unit is available to students who have performed well in Intermediate Immunology (IMMU2101). Advanced students will complete the same core lecture material as students in IMMU3102 but carry out advanced level practical work and a series of specialized seminar based tutorial classes.

##### Textbooks

Cellular and Molecular Immunology 6th edition 2007. Ak Abbas, AH Lichtman and S Pillai. WB Saunders Company

## Immunology Honours

The Honours program in Immunology provides the opportunity for full-time research on a proposed project supervised by a staff member expert in that field. Experimental research, a seminar and a thesis constitute the major part of the program and of assessment. Guidance in research techniques is given in training programs covering experimental design, data analysis, written and oral communication and critical appraisal of the literature. Student contributions to this program are also assessed. In addition, a supplementary seminar program keeps students informed and abreast of wider issues in immunology.

### Applying for Honours

Students are invited to apply for Honours enrolment during semester two of the year preceding Honours. Applicants should consult the Honours coordinator in the first instance. A list of possible research topics is provided, and students select projects of interest, speak with prospective supervisors and apply for permission to enrol, before the end of semester two. Within the constraints of availability, an attempt is made to assign students to the project of their choice.

### General Requirements for Admission

Usually Honours candidates will have achieved a Credit in Senior Immunology units of study and will also have successfully completed Senior study in Biochemistry, Biology, Cell Pathology, Microbiology, Physiology or Virology. BSc candidates will have gained a major in Immunobiology, or a related discipline such as Biochemistry, Biology, Cell Pathology, Microbiology or Physiology. Usually Honours candidates will have an overall SCIWAM of 65 or greater. Departmental permission is required for enrolment.

### Honours coordinators

The Immunology Honours coordinator is Dr Allison Abendroth (a.abendroth@usyd.edu.au, 93516867).

## Information Technologies

### Information Technologies in the Bachelor of Science degree

The School of Information Technologies is part of the Faculty of Engineering and Information Technologies. In addition to providing professional training in Computer Science and Information Systems leading toward bachelor level degrees, it offers many units of study that students who are enrolled in the Faculty of Science may take as a part of a major in either Information Systems or Computer Science or a minor in Information Technology. Details regarding the units of study required for the award of a Science major in Information Systems or Computer Science can be obtained from the Faculty of Science Handbook or from the website [www.it.usyd.edu.au](http://www.it.usyd.edu.au).

### *Special consideration applications for illness or misadventure*

Students should note that applications for special consideration on grounds of illness or misadventure for COMP, INFO, ISYS or ELEC units are processed by the Faculty of Engineering

### Minor in IT

Students enrolled in non-IT degrees or majors who, are eligible (upon application) for a Minor in Information Technology if they complete at least 18 credit points of intermediate or above units of study offered by the School of IT, within a completed degree. For further information see [www.it.usyd.edu.au/future\\_students/undergrad/minor.shtml](http://www.it.usyd.edu.au/future_students/undergrad/minor.shtml).

### Advanced standing for Science students transferring to BIT, BCST or BCST (Advanced)

Students enrolled in Science degrees or Science graduates may obtain advanced standing towards the Bachelor of Information Technology, Bachelor of Computer Science and Technology or Bachelor of Computer Science and Technology (Advanced) degrees. Students wishing to undertake this option must seek academic advice from the School of Information Technologies. Further details regarding admission to the BIT, BCST or BCST(Advanced) may be obtained

from the Engineering and Information Technologies handbook or from the Faculty Office.

### Computer Science

The requirements for a major in Computer Science are defined in Table 1. Computer Science is a scientific discipline which has grown out of the use of computers to manage and transform information. It is concerned with the design of computers, their applications in science, government and business, and the formal and theoretical properties which can be shown to characterise these applications. The current research interests in the School include algorithms, bioinformatics, data management, data mining and machine learning, internet working, wireless networks, network computing, biomedical image processing, parallel and distributed computing, user-adaptive systems and information visualisation. The School has a range of computers and specialised laboratories for its teaching and research.

### Information Systems

The requirements for a major in Information Systems are defined in Table 1. Information Systems is the study of people and organisations in order to determine, and deliver solutions to meet, their technological needs. Hence Information Systems deals with the following type of issues: strategic planning, system development, system implementation, operational management, end-user needs and education. Information Systems study is related to Computer Science but the crucial distinction is that the Information Systems is about the architecture of computer systems and making them work for people, whereas much of Computer Science is about developing and improving the performance of computers. The School's research in Information Systems encompasses natural language processing, IT economics, social networking analysis, ontologies design, data mining and knowledge management and open source software.

### Summer School: January-February

This School sometimes offers some units of study in The Sydney Summer School. Consult The Sydney Summer School web site for more information: [www.summer.usyd.edu.au/](http://www.summer.usyd.edu.au/)

### Computer Science and Information Systems junior units of study

See the School web site [www.it.usyd.edu.au](http://www.it.usyd.edu.au) for advice on choosing appropriate units of study from this list.

#### INFO1003

##### Foundations of Information Technology

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Classes:** (Lec 2 hrs & Prac 3hrs) per week **Prohibitions:** INFO1000 or INFS1000 **Assessment:** In-course involvement, assignments, quizzes and written exam.

This unit prepares students from any academic discipline to develop the necessary knowledge, skills and abilities to be competent in the use of information technology for solving a variety of problems. The main focus of this unit is on modelling and problem solving through the effective use of IT. Students will learn how to navigate independently to solve their problems on their own, and to be capable of fully applying the power of IT tools in the service of their goals in their own domains while not losing sight of the fundamental concepts of computing.

Students are taught core skills related to general purpose computing involving a range of software tools such as spreadsheets, database management systems, internet search engines, HTML, and JavaScript. Students will undertake practical tasks including authoring an interactive website using HTML and JavaScript and building a small scale application for managing information. In addition, the course will address the many social, ethical, and intellectual property issues arising from the wide-spread use of information technology in our society.

#### INFO1103

##### Introduction to Programming

**Credit points:** 6 **Session:** Semester 1, Semester 2 **Classes:** (Lec 2hrs & Lab 2hrs) per week **Prohibitions:** SOFT (1001 or 1901) or COMP (1001 or 1901)

or DECO2011 **Assumed knowledge:** HSC Mathematics **Assessment:** In-course involvement, assignments, quizzes and written exam

This unit provides an introduction to programming using Java. The main aims are (i) to develop basic programming skills and (ii) learn how to express algorithms using computer programming and (iii) develop basic algorithmic problem solving skills.

### INFO1903

#### Informatics (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 3hrs & Prac 3hrs) per week **Prerequisites:** UAI (or ATAR equivalent) sufficient to enter BCST(Adv), BIT or BSc(Adv), or portfolio of work suitable for entry **Assumed knowledge:** HSC Mathematics **Assessment:** In-course involvement, assignments, quizzes, lab exam and written exam

*Note: Department permission required for enrolment.*

This unit covers advanced data processing and management, integrating the use of existing productivity software, e.g. spreadsheets and databases, with the development of custom software using the powerful general-purpose Python scripting language. It will focus on skills directly applicable to research in any quantitative domain. The unit will also cover presentation of data through written publications and dynamically generated web pages, visual representations and oral presentation skills. The assessment, a long project, involves the demonstration of these skills and techniques for processing and presenting data in a choice of domains.

### INFO1105

#### Data Structures

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Lec 2hrs & Prac 3hrs) per week **Prohibitions:** INFO1905 or SOFT (1002 or 1902) or COMP (1002 or 1902 or 2160 or 2860 or 2111 or 2811 or 2002 or 2902) **Assumed knowledge:** Programming, as for INFO1103 **Assessment:** In-course involvement, assignments, quizzes and written exam

The unit will teach some powerful ideas that are central to quality software: data abstraction and recursion. It will also show how one can analyse the scalability of algorithms using mathematical tools of asymptotic notation. Contents include: both external "interface" view, and internal "implementation" details, for commonly used data structures, including lists, stacks, queues, priority queues, search trees, hash tables, and graphs; asymptotic analysis of algorithm scalability, including use of recurrence relations to analyse recursive code. This unit covers the way information is represented in each structure, algorithms for manipulating the structure, and analysis of asymptotic complexity of the operations. Outcomes include: ability to write code that recursively performs an operation on a data structure; experience designing an algorithmic solution to a problem using appropriate data structures, coding the solution, and analysing its complexity.

### INFO1905

#### Data Structures (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Lec 2hrs & Prac 3hrs) per week **Prerequisites:** Distinction-level performance in INFO1103 or INFO1903 or SOFT1001 or SOFT1901. **Prohibitions:** INFO1105 or SOFT (1002 or 1902) or COMP (1002 or 1902) **Assessment:** In-course involvement, assignments, quizzes and written exam

An advanced alternative to INFO1105; covers material at an advanced and challenging level. See the description of INFO1105 for more information.

## Computer Science and Information Systems intermediate units of study

It is important to choose second year subjects appropriately to keep options open for further study. See [www.it.usyd.edu.au](http://www.it.usyd.edu.au) for advice.

### COMP2007

#### Algorithms and Complexity

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prohibitions:** COMP (2907 or 3309 or 3609 or 3111 or 3811) **Assumed knowledge:** INFO1105, MATH1004 or MATH1904 **Assessment:** In-course involvement, assignments, quizzes and written exam.

This unit provides an introduction to the design and analysis of algorithms. The main aims are (i) to learn how to develop algorithmic solutions to computational problem and (ii) to develop understanding of algorithm efficiency and the notion of computational hardness.

### COMP2907

#### Algorithms and Complexity (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prerequisites:** Distinction level result in INFO (1105 or 1905) or SOFT (1002 or 1902) **Prohibitions:** COMP (2007 or 3309 or 3609 or 3111 or 3811) **Assumed knowledge:** INFO1905, MATH1904 **Assessment:** In-course involvement, assignments, quizzes and written exam

An advanced alternative to COMP2007; covers material at an advanced and challenging level. See the description of COMP2007 for more information.

### COMP2129

#### Operating Systems and Machine Principles

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prohibitions:** SOFT (2130 or 2830 or 2004 or 2904) or COMP (2004 or 2904) **Assumed knowledge:** Programming, as from INFO1103 **Assessment:** In-course involvement, assignments, quizzes and written exam.

In this unit of study elementary methods for developing robust, efficient and re-usable software will be covered. The unit is taught in C, in a Unix environment. Specific coding topics include memory management, the pragmatic aspects of implementing data structures such as lists and hash tables and managing concurrent threads. Debugging tools and techniques are discussed and common programming errors are considered along with defensive programming techniques to avoid such errors. Emphasis is placed on using common Unix tools to manage aspects of the software construction process, such as version control and regression testing. The subject is taught from a practical viewpoint and it includes a considerable amount of programming practice, using existing tools as building blocks to complete a large-scale task.

### INFO2110

#### Systems Analysis and Modelling

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prohibitions:** INFO (2810 or 2000 or 2900) **Assumed knowledge:** Experience with a data model as in INFO1003 or INFO1103 or INFS1000 **Assessment:** In-course involvement, assignments, quizzes and written exam.

This unit provides a comprehensive introduction to the analysis of complex systems. Key topics are the determination and expression of system requirements (both functional and non-functional), and the representation of structural and behavioural models of the system in UML notations. Students will be expected to evaluate requirements documents and models as well as producing them. This unit covers essential topics from the ACM/IEEE SE2004 curriculum, especially from MAA Software Modelling and Analysis.

### INFO2120

#### Database Systems 1

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prohibitions:** INFO (2820 or 2005 or 2905) **Assumed knowledge:** Some exposure to programming and some familiarity with data model concepts such as taught in INFO1103 or INFO1003 or INFS1000 or INFO1903 **Assessment:** In-course involvement, assignments, quizzes and written exam.

The proper management of data is essential for all data-centric applications and for effective decision making within organizations. This unit of study will introduce the basic concepts of database designs at the conceptual, logical and physical levels. Particular emphasis will be placed on introducing integrity constraints and the concept of data normalization which prevents data from being corrupted or duplicated in different parts of the database. This in turn helps in the data remaining consistent during its lifetime. Once a database design is in place, the emphasis shifts towards querying the data in order to extract useful information. The unit will introduce different query languages with a particular emphasis on SQL, which is industry standard. Other topics covered will include the important concept of transaction management, application development with a backend database, an

overview of data warehousing and online analytic processing, and the use of XML as a data integration language.

### INFO2820

#### Database Systems 1 (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prerequisites:** Distinction-level result in INFO (1003 or 1103 or 1903 or 1105 or 1905) or SOFT (1001 or 1901 or 1002 or 1902) **Prohibitions:** INFO (2120 or 2005 or 2905) **Assessment:** In-course involvement, assignments, quizzes and written exam.

An advanced alternative to INFO2120; covers material at an advanced and challenging level. See the description of INFO2120 for more information.

### INFO2315

#### Introduction to IT Security

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prohibitions:** NETS (3305 or 3605 or 3016 or 3916) or ELEC (5610 or 5616) **Assumed knowledge:** Computer literacy **Assessment:** In-course involvement, assignments, quizzes and written exam.

This unit provides a broad introduction to the field of IT security. We examine secure and insecure programs, secure and insecure information, secure and insecure computers, and secure and insecure network infrastructure. Key content includes the main threats to security; how to analyse risks; the role in reducing risk that can be played by technical tools (such as encryption, signatures, access control, firewalls, etc); the limitations of technical defences; and the simple process and behavioural changes that can reduce risk.

### ISYS2140

#### Information Systems

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prohibitions:** ISYS (2006 or 2007) **Assumed knowledge:** INFO1003 or INFS1000 **Assessment:** In-course involvement, assignments, quizzes and written exam.

This unit of study will provide a comprehensive conceptual and practical introduction to information systems (IS) in contemporary organisations. Content: General Systems Theory; Basic concepts of organisations, systems and information; The role of information systems in operating and managing organisations; How IS and the Internet enables organisations to adopt more competitive business models, including e-Commerce; The technologies that underpin IS; Distributed systems, including security, networking principles, the client server model and how distributed components locate and communicate with each other; The integration of disparate systems both within the organisation and between organisations, including the role of XML; Behavioural, managerial and ethical issues in implementing and managing IS.

### Computer Science and Information Systems senior units of study in the BSc

Students are advised that doing less than 24 Senior credit points is not regarded as adequate preparation for a professional career in computing or for further study. Students are advised to balance their workload between semesters. It is important to choose second year subjects appropriately to keep options open for further study. See [www.it.usyd.edu.au](http://www.it.usyd.edu.au) for advice.

### COMP3109

#### Programming Languages and Paradigms

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Assumed knowledge:** COMP2007 **Assessment:** In-course involvement, assignments, quizzes and written exam.

This unit provides an introduction to the foundations of programming languages and their implementation. The main aims are to teach what are: grammars, parsers, semantics, programming paradigms and implementation of programming languages.

### COMP3308

#### Introduction to Artificial Intelligence

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 2hrs & Tut 2hrs) per week **Prohibitions:** COMP (3608 or 3002 or 3902) **Assumed knowledge:** COMP2007 **Assessment:** Assignments, written exam.

Artificial Intelligence (AI) is all about programming computers to perform tasks normally associated with intelligent behaviour. Classical AI programs have played games, proved theorems, discovered patterns in data, planned complex assembly sequences and so on. This unit of study will introduce representations, techniques and architectures used to build intelligent systems. It will explore selected topics such as heuristic search, game playing, machine learning, and knowledge representation. Students who complete it will have an understanding of some of the fundamental methods and algorithms of AI, and an appreciation of how they can be applied to interesting problems. The unit will involve a practical component in which some simple problems are solved using AI techniques.

### COMP3608

#### Intro. to Artificial Intelligence (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prerequisites:** Distinction-level results in some 2nd year COMP or MATH or SOFT units. **Prohibitions:** COMP (3308 or 3002 or 3902) **Assessment:** Assignments, written exam.

An advanced alternative to COMP3308; covers material at an advanced and challenging level. See the description of COMP3308 for more information.

### COMP3419

#### Graphics and Multimedia

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prohibitions:** MULT (3306 or 3606 or 3019 or 3919 or 3004 or 3904) or COMP(3004 or 3904) **Assumed knowledge:** COMP2007, MATH1002 **Assessment:** In-course involvement, assignments, quizzes and written exam.

Computer Graphics and Multimedia are core technologies to support an interdisciplinary computing and communication environment. This unit provides a broad introduction to the field of multimedia to meet the diverse requirements of application areas such as entertainment, industrial design, virtual reality, intelligent media management, medical imaging and remote sensing. The unit covers both the underpinning theories and the practices of manipulating and enhancing digital media including image, computer graphics, audio, computer animation, and video. It introduces principles and cutting-edge techniques such as multimedia data processing, content analysis, media retouching, media coding and compression. It elaborates on various multimedia coding standards. A particular focus is on principles and the state-of-the-art research and development topics of Computer Graphics such as modelling, rendering and shading, and texturing.

### COMP3456

#### Computational Methods for Life Sciences

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prerequisites:** INFO1105 and (COMP2007 or INFO2120) and 6 credit points from BIOL or MBLG **Assessment:** In-course involvement, assignments, quizzes and written exam.

This unit introduces the algorithmic principles driving advances in the life sciences. It discusses biological and algorithmic ideas together, linking issues in computer science and biology and thus is suitable for students in both disciplines. Students will learn algorithm design and analysis techniques to solve practical problems in biology.

### COMP3520

#### Operating Systems Internals

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prohibitions:** NETS (3304 or 3604 or 3009 or 3909) or COMP (3009 or 3909) **Assumed knowledge:** COMP2129, INFO1105 **Assessment:** In-course involvement, assignments, quizzes and written exam.

This unit will provide a comprehensive discussion of relevant OS issues and principles and describe how those principles are put into practice in real operating systems. The contents include internal

structure of OS; several ways each major aspect (process scheduling, inter-process communication, memory management, device management, file systems) can be implemented; the performance impact of design choices; case studies of common OS (Linux, MS Windows NT, etc). The contents also include concepts of distributed systems: naming and binding, time in distributed systems, resource sharing, synchronization models (distributed shared memory, message passing), fault-tolerance, and case study of distributed file systems.

### COMP3615

#### Software Development Project

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Meeting with academic supervisor 1hr & Class meeting 1hr) per week **Prerequisites:** INFO3402 **Prohibitions:** INFO3600 or SOFT (3300 or 3600 or 3200 or 3700) **Assessment:** Individual presentation, oral examination and group report.

This unit will provide students an opportunity to apply the knowledge and practise the skills acquired in the prerequisite and qualifying units, in the context of designing and building a substantial software development system in diverse application domains including life sciences. Working in groups students will need to carry out the full range of activities including requirements capture, analysis and design, coding, testing and documentation.

### INFO3220

#### Object Oriented Design

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 2hrs & Prac 2 hrs) per week **Prohibitions:** SOFT (3301 or 3601 or 3101 or 3801) or COMP (3008 or 3908) **Assumed knowledge:** INFO2110, INFO1105 **Assessment:** In-course involvement, assignments, quizzes and written exam.

This unit covers essential design methods and language mechanisms for successful object-oriented design and programming. C++ is used as the implementation language and a special emphasis is placed on those features of C++ that are important for solving real-world problems. Advanced software engineering features, including exceptions and name spaces are thoroughly covered.

### INFO3315

#### Human-Computer Interaction

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prohibitions:** MULT (3307 or 3607 or 3018 or 3918) or SOFT (3102 or 3802) or COMP (3102 or 3802) **Assumed knowledge:** INFO2110 **Assessment:** In-course involvement, assignments, quizzes and written exam.

This unit will introduce techniques to evaluate software user interfaces using heuristic evaluation and user observation techniques. Students will (i) learn how to design formal experiments to evaluate usability hypothesis and (ii) apply user centered design and usability engineering principles to design software user interfaces. A brief introduction to the psychological aspects of human-computer interaction will be provided.

### INFO3402

#### Management of IT Projects and Systems

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prohibitions:** ISYS (3000 or 3012) or ELEC3606 **Assumed knowledge:** INFO (2000 or 2110 or 2810 or 2900) **Assessment:** In-course involvement, assignments, quizzes and written exam.

This course introduces the basic processes and techniques for managing IT projects, systems and services, throughout the IT lifecycle. It addresses both the technical and behavioural aspects of IT management at the enterprise level. Major topics include: organisational strategy and IT alignment, IT planning, project planning, tracking, resource estimation, team management, software testing, delivery and support of IT services, service level agreements, change and problem management, cost effectiveness and quality assurance.

### INFO3404

#### Database Systems 2

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prohibitions:** INFO (3504 or 3005 or 3905) or COMP (3005 or 3905) **Assumed knowledge:** Introductory database study such as INFO2120 or INFO2820 or INFO2005 or INFO2905. Students are expected to be familiar with SQL and the relational data model, and to have some programming

experience. **Assessment:** In-course involvement, assignments, quizzes and written exam.

This unit of study provides a comprehensive overview of the internal mechanisms of Database Management Systems (DBMS) and other systems that manage large data collections. These skills are needed for successful performance tuning, to understand the scalability challenges faced by the information age. Topics include: the internal components of a DBMS engine, physical data organization and disk-based index structures, query processing and optimisation, locking and logging, database tuning, distributed and replicated databases, web search engines, and indices and processing when doing information retrieval from textual data. This unit will be valuable to those pursuing such careers as Software Engineers, Database Experts, Database Administrators, Web Developers and e-Business Consultants.

### INFO3504

#### Database Systems 2 (Adv)

**Credit points:** 6 **Teacher/Coordinator:** - **Session:** Semester 2 **Classes:** (Lec 2hrs & Prac 2hrs) per week **Prerequisites:** Distinction-level result in INFO (2120 or 2820) or COMP (2007 or 2907) **Prohibitions:** INFO (3404 or 3005 or 3905) or COMP (3005 or 3905) **Assessment:** In-course involvement, assignments, quizzes and written exam.

An advanced alternative to INFO3404; covers material at an advanced and challenging level. See the description of INFO3404 for more information.

### INFO3600

#### Major Development Project (Advanced)

**Credit points:** 12 **Session:** Semester 2 **Classes:** no formal classes **Prerequisites:** INFO3402 **Prohibitions:** COMP3615 or ISYS3400 or SOFT (3300 or 3600 or 3200 or 3700) **Assessment:** Individual presentation, oral examination and group report.

*Note: Only available to students in BIT, BCST(Adv) or BSc(Adv)*

This unit will provide students an opportunity to carry out substantial aspects of a significant software development project. The project will be directed towards assisting a client group (from industry or with strong industry links). The student's contribution could cover one or more aspects such as requirements capture, system design, implementation, change management, upgrades, operation, and/or tuning. Assessment will be based on the quality of the delivered outputs, the effectiveness of the process followed, and the understanding of the way the work fits into the client's goals, as shown in a written report.

### ISYS3400

#### Information Systems Project

**Credit points:** 6 **Session:** Semester 2 **Classes:** (Meeting with academic supervisor 1hr & Class meeting 1hr) per week **Prerequisites:** (INFO3402 or ISYS3012) and (ISYS3401 or ISYS3015) **Prohibitions:** INFO3600 or ISYS3207 **Assumed knowledge:** INFO2120 **Assessment:** Individual presentation, oral examination, group report

This unit will provide students an opportunity to apply the knowledge and practise the skills acquired in the prerequisite and qualifying units, in the context of a substantial information systems research or development project and to experience in a realistic way many aspects of analysing and solving information systems problems. Since information systems projects are often undertaken by small teams, the experience of working in a team is seen as an important feature of the unit. Students often find it difficult to work effectively with others and will benefit from the opportunity provided by this unit to further develop this skill.

### ISYS3401

#### Analytical Methods & Information Systems

**Credit points:** 6 **Session:** Semester 1 **Classes:** (Lec 2hrs & Prac 1hr) per week **Prohibitions:** ISYS3015 **Assumed knowledge:** INFO2110, ISYS2140 **Assessment:** In-course involvement, assignments, quizzes and written exam.

This course will provide an introduction to the scientific approach and basic research methods that are relevant for conceptualizing and solving complex problems encountered Information Systems practice.

A collection of different methods for collecting and analyzing information will be studied in the context of a few typical information system projects. These methods include surveys, controlled experiments, questionnaire design and sampling.

### Computer Science or Information Systems Honours in the BSc

To be awarded Honours in Computer Science, a student must complete units of study (as specified below) to a total of 48 credit points. Note that the Faculty requires that Honours be completed in two consecutive semesters of full-time study, or four consecutive semesters of part-time study; a single final grade and mark is given for the Honours course, as determined by the Faculty based on performance in Honours and in prior undergraduate study.

### Honours units of study in Computer Science in the BSc

#### COMP4011

##### Computer Science Honours A

**Credit points:** 12 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled in the Honours programs study various advanced aspects of Computer Science. The program may include lectures, tutorials, seminars and practicals. They will undertake a research project. Assessment will include the project and may include examinations and classwork.

#### COMP4012

##### Computer Science Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** COMP4011

Students enrolled in the Honours programs study various advanced aspects of Computer Science. The program may include lectures, tutorials, seminars and practicals. They will undertake a research project. Assessment will include the project and may include examinations and classwork.

#### COMP4013

##### Computer Science Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** COMP4012

Students enrolled in the Honours programs study various advanced aspects of Computer Science. The program may include lectures, tutorials, seminars and practicals. They will undertake a research project. Assessment will include the project and may include examinations and classwork.

#### COMP4014

##### Computer Science Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** COMP4013

Students enrolled in the Honours programs study various advanced aspects of Computer Science. The program may include lectures, tutorials, seminars and practicals. They will undertake a research project. Assessment will include the project and may include examinations and classwork.

### Honours units of study in Information Systems in the BSc

#### ISYS4301

##### Information Systems Honours A

**Credit points:** 12 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

Students enrolled in the Honours programs study various advanced aspects of Information Systems. The program may include lectures, tutorials, seminars and practicals. They will undertake a research project. Assessment will include the project and may include examinations and classwork.

#### ISYS4302

##### Information Systems Honours B

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ISYS4301

See ISYS4301

#### ISYS4303

##### Information Systems Honours C

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ISYS4302

See ISYS4301

#### ISYS4304

##### Information Systems Honours D

**Credit points:** 12 **Session:** Semester 1, Semester 2 **Corequisites:** ISYS4303

See ISYS4301

## Law units of study

The following units of study are only available to students in the Bachelor of Science/Bachelor of Laws degree. Please consult degree information in chapter 8, and the relevant Departments/Schools entries in this chapter for descriptions of other units of study required for this degree.

### Curriculum Review

The Faculty of Law is undertaking a curriculum review, anticipated to be completed in 2007/2008. Combined law students are expected to complete 48 credit points of Law units of study in the first three years of the combined degree. Third year combined law students who are not able to accumulate 48 credit points of Law units of study using the unit of study codes in Table 2 as it appears in Chapter 8 must contact the Faculty of Law for alternative unit of study codes for Federal Constitutional Law and Law, Lawyers and Justice.

#### LAWS1006

##### Foundations of Law

**Credit points:** 6 **Teacher/Coordinator:** Professor David Kinley (Combined), Mr Fady Aoun (Graduate) **Session:** Semester 1 **Classes:** Combined: 1x1hr lec and 1x2hr seminar/wk; Graduate: The unit is taught to Graduate Law 1 students on an intensive basis over four weeks. The aim of this is to give students a good grounding in the basic legal skills needed for law studies before undertaking other Semester 1 units. The course commences two weeks prior to the start of semester in the University calendar. Preparation for and attendance at the intensive is essential for completion of the course. No other law classes are taught for the duration of the intensive. **Prohibitions:** LAWS1000 **Assessment:** Combined: class participation (20%), 1 x case analysis (30%), 1 x essay (50%); Graduate: class participation (20%), 1 x case analysis (30%), 1 x take-home exam (50%) This is subject to change.

This unit of study provides a foundation core for the study of law. We aim to provide a practical overview of the Australian legal system, an introduction to the skills of legal reasoning and analysis which are necessary to complete your law degree, and an opportunity for critical engagement in debate about the role of law in our lives. The course will introduce students to issues such as: (i) the development of judge made and statute law, with a particular focus on English and Australian legal history; (ii) the relationship between courts and parliament; (iii) the role and function of courts, tribunals and other forms of dispute resolution; (iv) understanding and interrogating principles of judicial reasoning and statutory interpretation; (v) the relationship between law, government and politics; (vi) what are rights in Australian law, where do they come from and where are they going; (vii) the development and relevance of international law. The course focus may be subject to change.

#### LAWS1010

##### Torts

*This unit of study is not available in 2010*

**Credit points:** 6 **Teacher/Coordinator:** Mr Ross Anderson **Session:** Semester 2 **Classes:** (1x2hr seminar and 1x1hr seminar)/wk **Prerequisites:** LAWS1006 **Prohibitions:** LAWS1005, LAWS1012, LAWS3001 **Assessment:** 2x class tests (15% each) and 1x2hr exam (70%)

*Note: Department permission required for enrolment. Note: Available to Combined Law candidates who commenced prior to 2007.*

This is a general introductory unit of study concerned with liability for civil wrongs. The unit seeks to examine and evaluate, through a critical and analytical study of primary and secondary materials, the function and scope of modern tort law and the rationale and utility of its governing principles. Particular topics on which the unit will focus include:

- (a) The relationship between torts and other branches of the common law including contract and criminal law;
- (b) The role of fault as the principal basis of liability in the modern law;
- (c) Historical development of trespass and the action on the case and the contemporary relevance of this development;
- (d) Trespass to the person (battery, assault, and false imprisonment);
- (e) Interference with goods (trespass, detinue and conversion);
- (f) Trespass to land and private nuisance;
- (g) The action on the case for intentional injury;
- (h) Defences to trespass, including consent, intellectual disability, childhood, necessity and contributory negligence;
- (i) Development and scope of the modern tort of negligence, including detailed consideration of duty of care and breach of duty with particular reference to personal and psychiatric injury;
- (j) Injuries to relational interests, including compensation to relatives of victims of fatal accidents;
- (k) Defences to negligence.

### LAWS1012

#### Torts

**Credit points:** 6 **Teacher/Coordinator:** Mr Ross Anderson (Graduate), Assoc Prof Barbara McDonald (Combined) **Session:** Semester 1, Semester 2 **Classes:** Combined: 1x2hr lectures and 1x1hr seminars/wk; Graduate: 3x4hr seminar/wk for 3 weeks and 1x3hr seminar in week 13. **Prerequisites:** LAWS1006 **Prohibitions:** LAWS1005, LAWS1010, LAWS3001 **Assessment:** Graduate: 1x1hr class test (25%) and 1x2hr exam (75%); Combined: 2000w assignment (30%), tutorial participation (10%) and 1x2hr exam (60%)

*Note: Available to candidates proceeding under the new LLB resolutions.*

This is a general introductory unit of study concerned with liability for civil wrongs. The unit seeks to examine and evaluate, through a critical and analytical study of primary and secondary materials, the function and scope of modern tort law and the rationale and utility of its governing principles. Particular topics on which the unit will focus include:

- (a) The relationship between torts and other branches of the common law including contract and criminal law;
- (b) The role of fault as the principal basis of liability in the modern law;
- (c) Historical development of trespass and the action on the case and the contemporary relevance of this development;
- (d) Trespass to the person (battery, assault, and false imprisonment);
- (e) Trespass to land and private nuisance;
- (f) The action on the case for intentional injury;
- (g) Defences to trespass, including consent, intellectual disability, childhood, necessity and contributory negligence;
- (h) Development and scope of the modern tort of negligence, including detailed consideration of duty of care and breach of duty and causation and remoteness of damage with particular reference to personal and psychiatric injury;
- (i) Compensation for personal injuries, including special and alternative compensation schemes;
- (j) Injuries to relational interests, including compensation to relatives of victims of fatal accidents;
- (k) Defences to negligence.

### LAWS1013

#### Legal Research I

**Teacher/Coordinator:** Mr Graeme Coss **Session:** Semester 1, Semester 2 **Classes:** Combined Law: 6x1hr seminars **Corequisites:** LAWS1006 **Prohibitions:** LAWS1008 **Assessment:** Satisfactory attendance, WebCT-based quizzes and 1x in-class test

*Note: Department permission required for enrolment in the following sessions: Semester 1.*

*Note: Available to candidates proceeding under the new LLB resolutions. Semester 1 classes are for Combined Law candidates in the faculties of Arts, Engineering and Science. Semester 2 classes are for Combined Law candidates in the Faculty of Economics & Business.*

This is a compulsory unit taught on a pass/fail basis. The aim of the unit is to introduce you to finding and citing primary and secondary legal materials and introduce you to legal research techniques. These are skills which are essential for a law student and which you will be required to apply in other units.

### LAWS1014

#### Civil and Criminal Procedure

**Credit points:** 6 **Teacher/Coordinator:** Ms Miiko Kumar **Session:** Semester 1, Semester 1b **Classes:** 2x2hr seminars/wk (combined), 3x4hr seminars a week for 3 weeks followed by 1x3hr seminar in week 13 (graduate) **Prerequisites:** LAWS1006 **Prohibitions:** LAWS1001, LAWS1007, LAWS3002, LAWS3004, LAWS2006 **Assessment:** 1x tutorial assessment (25%) and 1x 2hr final exam (75%)

*Note: Available to candidates proceeding under the new LLB resolutions.*

This unit of study aims to introduce students to civil and criminal procedure. It is concerned with the procedures relating to civil dispute resolution and criminal justice which are separate to the substantive hearing. The unit will consider the features of an adversarial system of justice and its impact on process. Recent reforms to the adversarial system of litigation will be explored. The civil dispute resolution part of the unit will cover alternative dispute resolution, the procedures for commencing a civil action, case management, gathering evidence and the rules of privilege. Criminal process will be explored by reference to crime and society, police powers, bail and sentencing. International dispute resolution will also be introduced. The course focuses on practical examples with consideration of ethics, and contextual and theoretical perspectives.

### LAWS1015

#### Contracts

**Credit points:** 6 **Teacher/Coordinator:** Dr Greg Tolhurst **Session:** Semester 1, Semester 1b, Summer Main **Classes:** Combined: 2x2hr lectures or seminars/wk; Graduate: 3x4hr seminar/wk for 3 weeks and 1x3hr seminar in week 13. **Prerequisites:** LAWS1006 **Prohibitions:** LAWS1002, LAWS2008 **Assessment:** Combined Law: class participation (10%), 1 x take-home assignment (30%), 1x2hr final exam (60%); Graduate Law: 1x take-home assignment (40%) and 1x2hr exam (60%)

*Note: Available to candidates proceeding under the new LLB resolutions.*

Contract law provides the legal background for transactions involving the supply of goods and services and is, arguably the most significant means by which the ownership of property is transferred from one person to another. It vitally affects all members of the community and a thorough knowledge of contract law is essential to all practising lawyers. In the context of the law curriculum as a whole, Contracts provides background which is assumed knowledge in many other units. The aims of the course are composite in nature. The course examines the rules that regulate the creation, terms, performance, breach and discharge of a contract. Remedies and factors that may vitiate a contract such as misrepresentation are dealt with in Torts and Contracts II. The central aim of the course is to provide an understanding of the basic principles of contract law and how those principles are applied in practice to solve problems. Students will develop the skills of rules based reasoning and case law analysis. A second aim is to provide students an opportunity to critically evaluate and make normative judgments about the operation of the law. Successful completion of this unit of study is a prerequisite to the elective unit Advanced Contracts.

### LAWS1016

#### Criminal Law

**Credit points:** 6 **Teacher/Coordinator:** Prof Mark Findlay **Session:** Semester 2 **Classes:** Combined: 2x2hr seminar/wk; Graduate: 3x4hr seminar/wk for 3 weeks and 1x3hr seminar/wk in week 13. **Prerequisites:** LAWS1006, LAWS1014 **Prohibitions:** LAWS1003, LAWS3001, LAWS2009 **Assessment:** class participation (10%), 1x research problem (30%) and 1x 3hr open book exam (60%)

*Note: Available to candidates proceeding under the new LLB resolutions.*

This unit of study is designed to introduce the general principles of criminal law in context as they operate in NSW, and to critically analyse these in their contemporary social and political relevance. In order to achieve these goals, the unit will consider a range of theoretical literature as well as critical commentary, and will focus on particular substantive legal topics in problem-centred contexts. Although the topic structure is necessarily selective, it is intended that students will gain a broad understanding of crime and justice issues, as well as of the applications of the criminal law. Students will encounter problem-based learning and will be encouraged to challenge a range of conventional wisdom concerning the operation of criminal justice. This unit of study is designed to assist students in developing the following understandings: (1) A critical appreciation of certain key concepts which recur throughout the substantive criminal law. (2) A knowledge of the legal rules in certain specified areas of criminal law and their application. (3) A preliminary knowledge of how the criminal law operates in its broader societal context. (4) Through following the process of proof in a criminal prosecution and its defense, to understand the determination of criminal liability. The understandings referred to in the foregoing paragraphs will have a critical focus and will draw on procedural, substantive, theoretical and empirical sources. The contradictions presented by the application of legal principle to complex social problems will be investigated.

### LAWS1017

#### Torts and Contracts II

**Credit points:** 6 **Teacher/Coordinator:** Assoc Prof Barbara McDonald (Combined), Mr Ross Anderson (Graduate) **Session:** Semester 2, Semester 2b **Classes:** 1x2hr lecture and 1x2hr tutorial/wk (combined), 3x4hr seminars/wk for 3 weeks, and 1x3hr seminar in week 13 (graduate) **Prerequisites:** (LAWS1010 or LAWS1012) and LAWS1015 **Assessment:** Graduate Law: 1x1hr class test (25%) and 1x2hr exam (75%) (Graduate); Combined Law: 1x 2000 word assignment (30%), tutorial participation (10%) 1x 2 hour exam (60%).

*Note: Available to candidates proceeding under the new LLB resolutions.*

The laws of tort and contract frequently overlap in practice and are increasingly regulated by statute. This unit aims to develop the integrated study of the law of obligations and remedies. It builds on the introduction to tort and contract law which students have acquired in Torts and Contracts. It will include the study of more advanced topics in both areas and the impact of related statutory liability and remedies. Topics:

- Concurrent, proportionate and vicarious liability;
- The role of statutory duties and powers in tort law;
- Liability for misrepresentation in tort, contract and under statute (eg statutory duties, s 52 Trade Practices Act 1974 (Cth));
- Liability for economic loss in tort, including some comparative study;
- Detailed consideration of causation and remoteness of damage in tort and contract;
- Damages for breach of contract;
- Unfair dealing in contracts and vitiating factors: mistake, misrepresentation, duress, undue influence, unconscionable conduct. This topic includes a study of equitable principles and statutory rights.

### LAWS1018

#### International Law

**Credit points:** 6 **Teacher/Coordinator:** Dr Timothy Stephens (Combined), Mr Ross Anderson (Graduate) **Session:** Semester 1, Semester 2, Summer Early **Classes:** 1x2hr lecture and 1x1hr tutorial/wk (combined), 3x4hr seminars/wk for 3 weeks and 1x3hr seminar in week 13 (graduate) **Prerequisites:** LAWS1006 **Prohibitions:** LAWS2005 **Assessment:** Combined: 1x2000w assignment (30%), tutorial participation (pass/fail), 1x2hr final exam (70%). Graduate: 1x1hr class test (25%), 1x2hr exam (75%).

*Note: Available to candidates proceeding under the new LLB resolutions.*

The unit of study is a general introduction to private international law and public international law and the relationship between these disciplines. The following private international law topics receive detailed treatment: (1) Nature, function and scope of private international law; (2) Jurisdiction, including discretionary non-exercise of jurisdiction; (3) Substance and procedure; (4) Proof of foreign law;

(5) Exclusionary doctrines; and (6) Choice of law in tort. The following public international law topics receive detailed treatment: (1) Nature, function and scope of public international law, including the relationship between public international law and municipal law; (2) Sources of public international law; (3) State jurisdiction, including civil and criminal jurisdiction and jurisdictional immunities; and (4) State responsibility, including diplomatic protection, nationality of claims and exhaustion of local remedies. Available to candidates proceeding under the new LLB resolutions.

### LAWS1019

#### Legal Research II

**Teacher/Coordinator:** Mr Graeme Coss **Session:** Semester 1, Semester 2 **Classes:** Combined Law: 3x2hr seminars **Prerequisites:** LAWS1013 **Prohibitions:** LAWS1008, LAWS1022 **Assessment:** Satisfactory attendance and 1x assignment

*Note: Available to candidates proceeding under the new LLB resolutions. Semester 1 classes are for Combined Law candidates in the faculties of Arts, Engineering and Science. Semester 2 classes are for Combined Law candidates in the Faculty of Economics & Business.*

This is a compulsory unit taught on a pass/fail basis. It is a continuation of Legal Research I and covers advanced searching techniques and the use of Lexis.com, Westlaw and other complex commercial databases. The purpose of this unit is to further develop the skills you will need as a law student and to introduce you to the legal research skills you will need after graduation.

### LAWS2008

#### Contracts

**Credit points:** 6 **Teacher/Coordinator:** Dr Gregory Tolhurst **Session:** Semester 1 **Classes:** 2x2hr lectures or seminars/wk **Prerequisites:** LAWS1006 **Prohibitions:** LAWS1002, LAWS1015 **Assessment:** class participation (10%), 1 x take-home assignment (30%), 1x2hr final exam (60%)

*Note: Department permission required for enrolment. Note: Available to Combined Law candidates proceeding under the old LLB resolutions.*

Contract law provides the legal background for transactions involving the supply of goods and services and is, arguably the most significant means by which the ownership of property is transferred from one person to another. It vitally affects all members of the community and a thorough knowledge of contract law is essential to all practising lawyers. In the context of the law curriculum as a whole, Contracts provides background which is assumed knowledge in many other units. The aims of the unit are composite in nature. The central aim is to provide an understanding of the basic principles of the common law, equity and statutes applicable to contracts. A second aim is to provide students an opportunity to critically evaluate and make normative judgments about the operation of the law. As Contracts is basically a case law unit, the final aim of the unit of study is to provide experience in problem solving through application of the principles derived from decided cases. Successful completion of this unit of study is a prerequisite to the elective unit Advanced Contracts.

### LAWS2009

#### Criminal Law

**Credit points:** 6 **Teacher/Coordinator:** Prof Mark Findlay **Session:** Semester 2 **Classes:** 2x2hr seminars/wk **Prerequisites:** LAWS1006 **Prohibitions:** LAWS1003, LAWS1016 **Assessment:** class participation (10%), 1x research problem (30%) and 1x 3hr open book exam (60%)

*Note: Department permission required for enrolment. Note: Available to Combined Law candidates proceeding under the old LLB resolutions.*

This unit of study is designed to introduce the general principles of criminal law and process as they operate in NSW, and to critically analyse these in their contemporary social context. In order to achieve these goals, the unit will consider a range of socio-legal literature, and will focus on particular substantive legal topics. Although the topic structure is necessarily selective, it is intended that students will gain a broad understanding of crime and justice issues, as well as of the applications of the criminal law. Students will encounter problem-based learning and will be encouraged to challenge a range of conventional wisdom concerning the operation of criminal justice. This unit of study is designed to assist students in developing the following understandings: (1) A critical appreciation of certain key concepts



which recur throughout the substantive criminal law. (2) A knowledge of the legal rules in certain specified areas of criminal law and their application. (3) A preliminary understanding of the working criminal justice system as a process and the interaction of that process with the substantive criminal law. (4) A preliminary knowledge of how the criminal law operates in its broader societal context. (5) Through following the process of proof in a criminal prosecution and its defense, to understand the determination of criminal liability. The understandings referred to in the foregoing paragraphs will have a critical focus and will draw on procedural, substantive, theoretical and empirical sources. The contradictions presented by the application of legal principle to complex social problems will be investigated.

### LAWS3003

#### Federal Constitutional Law

**Credit points:** 12 **Teacher/Coordinator:** Assoc Prof Peter Gerangelos  
**Session:** Semester 1 **Classes:** 2x2hr seminars/wk **Prerequisites:** LAWS1006  
**Prohibitions:** LAWS1004, LAWS2011, LAWS3000 **Assessment:** 2 x mid-semester assignments and 1x exam

*Note: Department permission required for enrolment. Note: Available to Combined Law candidates proceeding under the old LLB resolutions. Students will attend classes for LAWS2011.*

This unit of study aims to achieve an understanding of the principles of Australian constitutional law. The unit commences with an overview of the Commonwealth Constitution within the Australian legal and political framework. Substantive topics include, but are not confined to: the defence power, the marriage power, the external affairs power, federalism (including state constitutions and the relationship between Commonwealth and state laws); economic and fiscal power and relations (including the corporations power, the trade and commerce power, freedom of interstate trade, and excise); the judicial power of the Commonwealth; express and implied constitutional rights and freedoms; and principles of constitutional interpretation. Other topics may be covered, especially if a constitutional power becomes controversial or topical. The unit aims to develop a capacity to evaluate the principles of constitutional law critically, from the perspective of both doctrine and policy.

### LAWS3004

#### Law, Lawyers and Justice

**Credit points:** 12 **Teacher/Coordinator:** Dr Rita Shackel **Session:** Semester 1 **Classes:** 2x2hr seminars/wk **Prerequisites:** LAWS1006 **Prohibitions:** LAWS1001, LAWS1007, LAWS2013, LAWS3002 **Assessment:** 1x2500w assignment (pass/fail), 1x mid-term exam (40%), 1x open book exam (60%)

*Note: Department permission required for enrolment. Note: Available to Combined Law candidates proceeding under the old LLB resolutions. Students attend classes for LAWS2013 The Legal Profession.*

Law, Lawyers and Justice has a distinct intellectual focus. It is the only unit in the curriculum that concentrates on the regulation of the legal profession and legal practice. Part 1 of Law, Lawyers and Justice examines the nature and structure of the legal profession, historical struggles to regulate the profession, and the current regulatory regime in New South Wales. Part 2 explores specific forms of legal practice, highlights the major cultural and economic forces that challenge attempts to regulate the profession and canvasses alternative ways of organising legal practice and providing legal services. Part 3 investigates the adversary system and considers its advantages and limitations. More specifically, the material in Part 3 addresses how the adversary system moulds lawyers' behaviour within and outside the judicial process and analyses current regulatory measures aimed at curbing the undesirable aspects of an adversarial culture. Part 4 evaluates the way clients are treated by lawyers and suggests strategies to change their conduct in the interests of both equality and effective communication. Furthermore, it examines lawyers' duties to their clients and the ways in which the rules and principles of confidentiality, legal professional privilege and conflicts of interest shape the advice and representation lawyers provide for their clients.

## Liberal Studies units of study

Note: this degree is not available to new students from 2010. Existing students interested in the new Bachelor of Liberal Arts and Sciences

should contact the Faculty of Science. Although the degree is no longer offered, units associated with the degree may still be offered.

### The degree

The Bachelor of Liberal Studies degree is offered jointly by the Faculties of Science and Arts. The Faculty of Arts administers the degree program. Liberal Studies students should consider the Faculty of Arts their home Faculty for administrative purposes. The following units of study form part of the requirements of the Bachelor of Liberal Studies degree. Please consult degree information in Chapters 2 and 8 and the relevant Departments/Schools entries in this chapter for descriptions of other units of study required for this degree.

### ENGL1007

#### Language, Texts and Time

**Credit points:** 6 **Teacher/Coordinator:** Dr N Riemer **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Assessment:** Two 500 word assignments, one 2000 word essay and one 1.5 hour exam

This course equips students with some general tools for the close analysis of literary language. Grammatical concepts will be introduced and applied to the description of prose, poetry and drama, and students will explore the changing relations between form and meaning in English from the earliest times up to the present. A number of key strands in contemporary language study will also be presented, including semiotic theory, rhetoric and discourse studies and theorizations of the relationship between texts and subjectivity.

#### Textbooks

Collins, Peter & Carmella Hollo: English Grammar, An Introduction (Palgrave, 2000) A course reader will be available from the University Copy Centre.

### LNGS1001

#### Structure of Language

**Credit points:** 6 **Teacher/Coordinator:** Prof B Foley **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week **Prohibitions:** LNGS1004, LNGS1005 **Assessment:** Ten short problem based assignments, each about 150 words, for a total of 1500 words; one 1 hour mid-term exam (equivalent to 1000 words); one 2 hour formal final examination (equivalent to 2000 words)

This unit is a comparative look at the general structure of human language. It looks at the sounds of human language: how the speech organs make them and their variety, in particular, a detailed description of English consonants and vowels and how to transcribe them. It investigates what is a possible word in English and other languages. It looks at the way speakers put words together to form sentences and how and why is English different from Japanese or even Irish.

#### Textbooks

V. Fromkin, R. Rodman, N. Hyams, P. Collins, M. Amberber and Mark Harvey. 2009. An Introduction to Language. Cengage Learning. Sixth Edition.

## Marine Science

The University of Sydney Institute of Marine Science (USIMS) provides for undergraduate units of study of a transdisciplinary nature in the marine sciences at the Intermediate, Senior and Honours levels. Staff from the School of Biological Sciences and the School of Geosciences teach these units. For further information on all units of study, please refer to the Marine Science website ([www.usyd.edu.au/marine](http://www.usyd.edu.au/marine))

## Marine Science Intermediate units of study

### GEOS2115

#### Oceans, Coasts and Climate Change

**Credit points:** 6 **Teacher/Coordinator:** Ass/Prof Dietmar Müller, A/Prof Peter Cowell **Session:** Semester 1 **Classes:** 26 one-hour lectures, 6 one-hour workshops, 1 eight-hour field work, 1 24-hour field school (3 days, Easter break) **Prerequisites:** 48 credit points from Junior Units of Study **Prohibitions:** GEOS2915, MARS2006 **Assumed knowledge:** At least one of (GEOG1001, GEOL1001, GEOL1002, GEOS1003, GEOS1903, ENVI1002, GEOL1902, GEOL1501) **Assessment:** Three web-based on-line reports (30% of total marks). One seminar presentation: field school (20% of total marks). One 2-hour exam (50% of total marks)

This unit of study introduces core concepts about how the formation of ocean basins and their influence on climate govern the development

of coasts and continental margins. These concepts provide a framework for understanding the geographic variation of coasts, continental shelves and sediment accumulations in the deep ocean. Ocean-basin evolution is explained in terms of movements within the Earth's interior and how these movements determine the geometry of ocean basins, and their alpine counterparts, which interact with the global circulation of the ocean and atmosphere. Affects of this interaction on energy regimes and hydrology are described in accounting for regional controls that govern supply and dispersal of sediments on continental margins and in ocean basins. These controls include effects on wave climates, wind-driven currents and tidal regimes. These controls also govern environmental conditions determining development of coral reefs and other ecosystems that play a key role in marine sedimentation. The Unit of Study systematically outlines how these factors have played out with climate change to produce the beaches, dunes, estuaries and deltas we see today, as well as the less familiar deposits hidden beneath the sea. The Unit also outlines how knowledge of responses to climate change in the past allow us to predict responses of coasts to accelerated climate change occurring now and in the future due to the industrial greenhouse effect. Overall therefore, the Unit aims to provide familiarity with fundamental phenomena central to the study of marine geoscience, introduced through process-oriented explanations. The Unit of Study is structured around problem-based project work, for which lectures provide the theoretical background.

#### Textbooks

Thurman, HV and Trujillo, AP. *Introductory Oceanography*. Pearson, Prentice-Hall, 10th Edition. 2004.

### GEOS2915

#### Oceans, Coasts and Climate Change (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Ass/Prof Dietmur Müller, A/Prof Peter Cowell **Session:** Semester 1 **Classes:** 26 x 1 hour lectures, 1 x 16 hour field school (2 days, Easter break), 2 x 1 hour workshops, 1 x 4 hour field work, 1 x 4 hour field work, 5 x 3 hours lab work **Prerequisites:** Distinction average in 48 credit points from Junior units of study **Prohibitions:** GEOS2115, MARS2006 **Assumed knowledge:** (GEOG1001, GEOL1001, GEOL1002, GEOS1003, GEOS1903, ENVI1002, GEOL1902, GEOL1501) **Assessment:** Field School Report (20%), Field and Lab report (45%), 2 web based online reports (15% of total marks), one 1 hour exam: subset of GEOS2115 (20% of total marks)

This unit has the same objectives as GEOS2115 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance to date. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives.

#### Textbooks

None: Online reading materials are provided via Fisher Library.

### BIOL2018

#### Introduction to Marine Biology

**Credit points:** 6 **Teacher/Coordinator:** A/Professor R Coleman **Session:** Semester 2 **Classes:** 2x1hr lectures per week. 6x1hr tutorials, 1x8hr field trip, 3x4hr field trips and 1x3hr practical. **Prerequisites:** BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry or 6 credit points of Junior Physics). **Prohibitions:** BIOL2918, MARS (2006 or 2906 or 2007 or 2907). **Assumed knowledge:** 12 credit points of Junior Biology; MARS2005. **Assessment:** Two hour theory exam, four written reports.

This unit will describe some of the ways in which the properties of the oceans affect marine organisms. It also introduces coral reefs and other marine ecosystems, together with their productivity, biological oceanography, the reproductive biology of marine organisms, and marine biological resources. The practical elements will provide the core skills and techniques that will equip students to perform laboratory and field studies in marine biology. The unit will introduce appropriate methodologies for the collection, handling and analysis of data; the scientific principles underlying experimental design; and the effective communication of scientific information.

#### Textbooks

Levinton, J. (2009) *Marine Biology: Function, Biodiversity and Ecology* (3rd ed). Oxford University Press.

### BIOL2918

#### Introduction to Marine Biology (Adv)

**Credit points:** 6 **Teacher/Coordinator:** A/Professor R Coleman **Session:** Semester 2 **Classes:** 2x1hr lectures per week. 6x1hr tutorials, 1x8hr field trip, 3x4hr field trips and 1x3hr practical. **Prerequisites:** Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. **Prohibitions:** BIOL2018, MARS (2006 or 2906 or 2007 or 2907). **Assumed knowledge:** 12 credit points of Junior Biology. **Assessment:** Two hour theory exam, four written reports.

*Note: Entry is restricted and selection is made from applicants on the basis of previous performance.*

This unit has the same objectives as BIOL2018, Introduction to Marine Biology, and is suitable for students wishing to pursue aspects from the unit in greater depth. Students taking this unit will participate in alternatives to some elements of the ordinary level course and will be required to pursue the unit objectives by more independent means. Specific details of the unit will be announced in meetings, during the first week of teaching.

#### Textbooks

As for BIOL2018

## Marine Science senior units of study

Students can major in Marine Science, Marine Geoscience and Marine Biology by completing Senior units of study to a total worth of 24 credit points from the units listed in Table 1 for the respective majors. The marine science major is interdisciplinary so it must include at least one BIOL and one GEOS unit. Students in the specialist BSc (Marine Science) degree must enrol in a minimum of 36 credit points of Senior Marine Science units of study, which may include up to 3 Tropical Marine Science (NTMP) units, and which must include at least one BIOL and one GEOS unit. Students are encouraged to select those electives in which they have a particular interest, subject to certain conditions (see Table 1). Because of limited facilities available for some units of study, particularly in marine biology, it may be necessary to restrict number of students taking these electives. If this need arises selection will be based on academic merit and/or other courses completed. All students intending to enrol in any of the biology options must consult the booklet information for Students Considering Senior Biology Units of Study available from the School of Biological Sciences Office during the last few weeks of the academic year prior to this enrolment. Such students should also complete a preliminary enrolment form in the School of Biological Sciences before first semester commences.

#### Descriptions of senior Marine Science options

Students should consult electives as listed in this chapter under Biological Sciences and Geosciences in this handbook. BIOL3006 Ecological Methods; BIOL3007 Ecology; BIOL3008 Marine Field Ecology; BIOL3011 Ecophysiology; BIOL3013 Marine Biology; GEOS3009 Coastal Environments and Processes; GEOS3014 GIS in Coastal Management; GEOS3015 Environmental Geomorphology; GEOS3018 Rivers: Science, Policy and Management; GEOS3103 Environmental & Sedimentary Geology; GEOS3104 Geophysical Methods (and equivalent versions of these units).

## Marine Sciences Honours

The structure of Honours in Marine Science will be about one third formal coursework, seminars and reading, and about two thirds devoted to preparation of a thesis on a topic with a clear marine or estuarine orientation. The formal coursework may comprise units of study mainly chosen from existing Honours options offered in the Department of the student's principal interest. Background study in a subsidiary field of interest may be required. Students may commence Honours in either semester 1 or semester 2. Generally, Honours enrolments will be with the School in which the project research is undertaken.

### Admission to Honours

In general, a Credit average or better in Senior Marine Sciences units of study and at least a Pass in another Senior unit of study are required for entry. Arrangements for the supervision and School of primary location of students will be made in the light of their proposed thesis topic. Joint supervision involving staff of more than one School may be arranged if a thesis topic is deemed to be transdisciplinary. Upon acceptance, students should register formally with the Undergraduate Advisor of USIMS.

### Tropical Marine Network Program

Students enrolled in the BSc (Marine Science) are eligible to enrol in units of study offered as part of the Tropical Marine Network Program. This is a joint program of the University of Sydney, the University of Queensland and James Cook University, which offers four units of study in tropical marine science, all taught at marine island research stations off the Queensland coast. Students majoring in Marine Science or Marine Geoscience but who are not enrolled in the BSc (Marine Science) may be eligible for enrolment in some TMNP units subject to places available.

### Stations used

The following stations will be used: Lizard Island (Australian Museum field station, north of Cairns); Orpheus Island (James Cook University field station, off Townsville); Heron Island (University of Queensland field station, off Gladstone); One Tree Island (University of Sydney field station, off Gladstone); North Stradbroke Island (University of Queensland field station, off Brisbane)

### Teaching and assessment

The four units of study, each worth 6 credit points, are conducted as field schools offered only during the Easter (Semester 1 mid-semester) break and the July mid-year break. Each field school will run for approximately 10 days. Assessment will be based on participation and reports completed during the field school, and an assignment to be completed following the field school. The Coral Reef Ecosystems unit and the Coastal Management unit will be offered each year, together with one of the other two units. Students may enrol in these units in academic year 2 and year 3 as part of the BSc (Marine Science). Students enrolling in these units of study will be selected from the three participating Universities, as well as some overseas Study Abroad students. Preference will however be given to students enrolled in the program at the three participating universities.

### Quotas on numbers of students enrolling in NTMP units

Owing to the size of facilities and accommodation at the island research stations all units will have a quota with entry based on merit. There are no Advanced versions of these units. For further information on the availability and timing of these units please refer to the website: [www.usyd.edu.au/marine](http://www.usyd.edu.au/marine).

#### NTMP3001

##### Coral Reef Ecosystems

**Credit points:** 6 **Teacher/Coordinator:** Professor Maria Byrne **Session:** S2 Intensive **Classes:** Fieldwork, 80 hours block mode. **Prerequisites:** MARS(2005 or 2905), plus 12 credit points from Intermediate Science units of study which must include at least 6 credit points of Biology. **Assumed knowledge:** General concepts in Biology **Assessment:** Participation in field work and submission of a report.

*Note: Department permission required for enrolment.*

Coral Reef Ecosystems is an intensive unit that will be held at either the Heron Island or One Tree Island Tropical Research Stations on the Great Barrier Reef. The unit focuses on the dominant taxa in reef environments and linkages between them. Emphasis is given to corals, other reef associated invertebrates (eg. echinoderms and plankton) and fishes. Ecological and physiological aspects of key organisms are explored. Aspects covered include: distribution of corals; coral bleaching; coral symbionts and the health of the corals based on photosynthetic activity; predation on corals; the input of plankton to reefs; and, the role of fishes and invertebrates in reef environments.

#### NTMP3003

##### Fisheries Biology and Management

*This unit of study is not available in 2010*

**Credit points:** 6 **Teacher/Coordinator:** Professor Maria Byrne **Session:** S2 Intensive **Classes:** Fieldwork, 80 hours block mode. **Prerequisites:** MARS(2005 or 2905), plus 12 credit points from Intermediate Science units of study which must include at least 6 credit points of Biology. **Assumed knowledge:** General concepts in Biology. **Assessment:** Participation in field work and submission of a report

*Note: Department permission required for enrolment.*

Fisheries Biology and Management is an intensive unit that will be held at the tropical research station on Orpheus Island in the Great Barrier Reef. The unit focuses on approaches to quantitative fisheries biology in tropical marine environments. Emphasis is given to sampling design and hypothesis testing, underwater visual census surveys, fishery surveys, assessments of habitat types, and tagging and trapping of organisms. Most field aspects will be covered while diving and data storage will be dealt with at the end of each day. The assessment will focus on the manipulation of data and reporting.

#### NTMP3004

##### Aquaculture

**Credit points:** 6 **Teacher/Coordinator:** Professor Maria Byrne **Session:** S2 Intensive **Classes:** Fieldwork, 80 hours block mode. **Prerequisites:** 12 credit points from Intermediate Science units of study which must include at least 6 credit points of Biology. **Assumed knowledge:** General concepts in Biology. **Assessment:** Assignments and report.

*Note: Department permission required for enrolment.*

Aquaculture is an intensive unit that will be held at the tropical research station on Orpheus Island in the Great Barrier Reef. The unit focuses on approaches to aquaculture in tropical marine environments. Emphasis is given to aquaculture of tropical invertebrates (especially bivalves and clams) and fishes. Some aspects of the unit may also be done using the aquarium system on campus at James Cook University. Aspects covered include: the design of aquarium facilities; water quality; rearing of algae; rearing of planktonic food; stocking densities; and, growth and genetics of the target species.

#### NTMP3005

##### Coastal Management

**Credit points:** 6 **Teacher/Coordinator:** Belinda McMillen (course contact) **Session:** S2 Intensive **Classes:** Fieldwork, 80 hours block mode. **Prerequisites:** 12 credit points from Intermediate Science units of study which must include at least 6 credit points of Biology. **Assumed knowledge:** General concepts in Biology. **Assessment:** Assignment and report.

*Note: Department permission required for enrolment. Note: These units are only available to BSc (Marine Science) students. Department permission required for enrolment*

This unit examines the impacts of human activities on coastal and marine environments. It explores the complex relationships among the ecological and social values of these environments and outlines strategies and tools for their management. This is an intensive unit that will be held at the Moreton Bay Research Station.

## Mathematics and Statistics

The School of Mathematics and Statistics offers units of study in Applied Mathematics, Mathematical Statistics and Pure Mathematics. The Junior units of study cover a range of topics in mathematics and statistics and are offered at three levels, viz. Introductory, Fundamental, Normal and Advanced, to suit various levels of previous knowledge. Intermediate, Senior and Honours units of study are mostly provided within one of the subject areas of Applied Mathematics, Mathematical Statistics and Pure Mathematics.

### Applied Mathematics

Applied Mathematics is concerned with the development of mathematical and computing methods and their application in particular contexts which may arise in the natural sciences, engineering, economics or the social sciences. Units of study are designed to give training to students who will specialise in other subjects, and also for training applied mathematicians. While mathematical rigour is not

neglected, particular emphasis is given to questions such as the treatment of observational models which are relevant to particular contexts.

## Mathematical Statistics

Mathematical Statistics is concerned with the theory of probability and the mathematical methods of statistics applied to such problems as statistical inference, the design of experiments and sample surveys, and all problems of data analysis. The major units of study are designed to train those who wish to become professional statisticians, tertiary teachers and research workers, but there are units of study which provide a knowledge of statistical methods and techniques for students specialising in other fields.

## Pure Mathematics

Pure Mathematics units of study have two main aims. One of these is to equip students with the background of mathematical knowledge, understanding and skill necessary for units of study in many branches of science. The other is the provision of training in pure mathematics necessary for those who wish to make a career in mathematics. This might be either in teaching or research or in one of the many avenues where highly developed mathematical ability and a thorough knowledge of modern mathematical techniques are required, such as computing, operations research, management, finance and economics. Website: Further information about all units of study is available at [www.maths.usyd.edu.au/Teaching.html](http://www.maths.usyd.edu.au/Teaching.html)

## Summer School

This School offers some units of study in The Sydney Summer School (January-February). Consult The Sydney Summer School website for more information: [www.summer.usyd.edu.au/](http://www.summer.usyd.edu.au/)

## Mathematics Junior units of study

Various combinations of Junior units of study may be taken, subject to the prerequisites listed. Often specific Junior units of study are prerequisites for Mathematics and Statistics units in the Intermediate and Senior years. Before deciding on a particular combination of Junior units of study, students are advised to check carefully the prerequisites relating to Mathematics for all units of study.

## Junior introductory unit of study

Students who have not studied a calculus course in high school may enrol in the Introduction to Calculus, 6-credit point unit.

### MATH1111

#### Introduction to Calculus

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1-hour lectures and two 1-hour tutorials per week. **Prohibitions:** MATH1001, MATH1901, MATH1011, MATH1906 **Assumed knowledge:** At least Year 10 Mathematics **Assessment:** One 2-hour exam, assignments, quizzes

*Note: Department permission required for enrolment. Note: Students who have previously studied calculus at any level are prohibited from enrolling in this unit. In particular, students with HSC Mathematics/Extension 1/Extension 2 (or equivalent) are prohibited.*

This unit is an introduction to the calculus of one and two variables. Topics covered include elementary functions, differentiation, basic integration techniques and partial derivatives. Applications in science and engineering are emphasised.

#### Textbooks

Hughes-Hallett, Gleason, McCallum, et al. Calculus: Single and Multivariable. Wiley

## Junior fundamental units of study

Fundamental units of study are designed to provide students with an overview of the necessary mathematical and statistical background for studies in other scientific disciplines. They are provided for students in the Faculty of Science whose major interests lies outside mathematics, but who require mathematics and statistics to support the study of other scientific disciplines. There are more details in the

Junior Mathematics Handbook, available from the school at the time of enrolment.

### Assumed knowledge

Knowledge equivalent to the HSC 2-unit Mathematics course is assumed. Students who do not have this knowledge are strongly advised to attend a bridging course conducted jointly by the School and the Mathematics Learning Centre in February.

### Relationship of fundamental units to other units of study and recommendations

The four fundamental units of study together give 12 credit points of mathematics, which is the minimum required by the BSc degree regulations. Students obtaining a Distinction in MATH1011 are encouraged to enrol in normal units of study in subsequent semesters. Students obtaining a Distinction or better in MATH1011, 1013 or 1014 may proceed to Intermediate units of study in the Mathematics Discipline Area. Students with a Credit or better in MATH1011 and a Pass or better in MATH1015 may proceed to Intermediate units of study in the Statistics discipline area. Students with a Pass in only MATH1015 are limited to the Intermediate Statistics units of study STAT2011 and STAT2012.

### MATH1011

#### Applications of Calculus

**Credit points:** 3 **Session:** Semester 1, Summer Main **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prohibitions:** MATH1111, MATH1001, MATH1901, MATH1906, BIOM1003 **Assumed knowledge:** HSC Mathematics **Assessment:** One 1.5 hour examination, assignments and quizzes.

This unit is designed for science students who do not intend to undertake higher year mathematics and statistics. It includes the fitting of data to various functions and demonstrates the use of calculus in optimisation problems. It extends differential calculus to functions of two variables and develops integral calculus, including the definite integral and multiple integrals.

#### Textbooks

As set out in the Junior Mathematics Handbook

### MATH1013

#### Mathematical Modelling

**Credit points:** 3 **Session:** Semester 2, Summer Main **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prohibitions:** MATH1003, MATH1903, MATH1907 **Assumed knowledge:** HSC Mathematics or MATH1111 **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH1013 is designed for science students who do not intend to undertake higher year mathematics and statistics.

This unit of study looks at the solution of equations by bisection and iteration, first and second order difference equations where chaos is met, and examples of modelling using simple first and second order differential equations.

#### Textbooks

As set out in the Junior Mathematics Handbook

### MATH1014

#### Introduction to Linear Algebra

**Credit points:** 3 **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prohibitions:** MATH1012, MATH1002, MATH1902 **Assumed knowledge:** HSC Mathematics or MATH1111 **Assessment:** One 1.5 hour exam, assignments, quizzes

This unit is an introduction to Linear Algebra. Topics covered include vectors, systems of linear equations, matrices, eigenvalues and eigenvectors. Applications in life and technological sciences are emphasised.

#### Textbooks

Poole, David. Linear Algebra: A Modern Introduction. Thompson Brook/Cole

### MATH1015

#### Biostatistics

**Credit points:** 3 **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prohibitions:** MATH1005, MATH1905, STAT1021,

STAT1022, ECMT1010, BIOM1003 **Assumed knowledge:** HSC Mathematics  
**Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH1015 is designed to provide a thorough preparation in statistics for students in the Biological and Medical Sciences. It offers a comprehensive introduction to data analysis, probability and sampling, inference including t-tests, confidence intervals and chi-squared goodness of fit tests.

There are comprehensive details of this unit of study in the Junior Mathematics Handbook distributed at the time of enrolment.

*Textbooks*

As set out in the Junior Mathematics Handbook

## Mathematics and Statistics Normal units of study

Normal units of study are designed for students who have both the necessary background and the interest in mathematics and who need to study mathematics beyond Junior units of study in order to satisfy their own aspirations or degree requirements. There are more details of these units of study in the Junior Mathematics Handbook, available from the School at the time of enrolment.

### Assumed knowledge

For the units MATH1001, MATH1002 and MATH1004, knowledge equivalent to the HSC Mathematics Extension 1 course is assumed. The assumed knowledge for MATH1005 is HSC 2-unit Mathematics. For MATH1003 the assumed knowledge is MATH1001 or HSC Mathematics Extension 2.

### Relation to other units of study and recommendations

Students should take at least two units of study in each semester in order to meet the minimum requirement of 12 credit points of Mathematics in the BSc award course. The usual enrolment for Normal level students is in the three units MATH1001, MATH1002, MATH1003 and (at least) one of MATH1004 and MATH1005. Passes in Junior units of study at this level qualify students to proceed to Intermediate units of study in Mathematics and Statistics. Students should note however that some Intermediate units of study in both Mathematics and Statistics require specific Junior units of study to be passed as prerequisites. Students obtaining a Credit or better in Normal units of study may enrol in other Advanced units of study.

### MATH1001

#### Differential Calculus

**Credit points:** 3 **Session:** Semester 1, Summer Main **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prohibitions:** MATH1011, MATH1901, MATH1906, MATH1111 **Assumed knowledge:** HSC Mathematics Extension 1 **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH1001 is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering.

This unit of study looks at complex numbers, functions of a single variable, limits and continuity, vector functions and functions of two variables. Differential calculus is extended to functions of two variables. Taylor's theorem as a higher order mean value theorem.

*Textbooks*

As set out in the Junior Mathematics Handbook.

### MATH1002

#### Linear Algebra

**Credit points:** 3 **Session:** Semester 1, Summer Main **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prohibitions:** MATH1902, MATH1012, MATH1014 **Assumed knowledge:** HSC Mathematics Extension 1 **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH1002 is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering.

This unit of study introduces vectors and vector algebra, linear algebra including solutions of linear systems, matrices, determinants, eigenvalues and eigenvectors.

*Textbooks*

As set out in the Junior Mathematics Handbook

### MATH1003

#### Integral Calculus and Modelling

**Credit points:** 3 **Session:** Semester 2, Summer Main **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prohibitions:** MATH1013, MATH1903, MATH1907 **Assumed knowledge:** HSC Mathematics Extension 2 or MATH1001 or MATH1011 or MATH1111 **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH1003 is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering. This unit of study first develops the idea of the definite integral from Riemann sums, leading to the Fundamental Theorem of Calculus. Various techniques of integration are considered, such as integration by parts. The second part is an introduction to the use of first and second order differential equations to model a variety of scientific phenomena.

*Textbooks*

As set out in the Junior Mathematics Handbook

### MATH1004

#### Discrete Mathematics

**Credit points:** 3 **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prohibitions:** MATH1904, MATH2011 **Assumed knowledge:** HSC Mathematics Extension 1 **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH1004 is designed to provide a thorough preparation for further study in Mathematics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering.

This unit provides an introduction to fundamental aspects of discrete mathematics, which deals with 'things that come in chunks that can be counted'. It focuses on the enumeration of a set of numbers, viz. Catalan numbers. Topics include sets and functions, counting principles, Boolean expressions, mathematical induction, generating functions and linear recurrence relations, graphs and trees.

*Textbooks*

As set out in the Junior Mathematics Handbook

### MATH1005

#### Statistics

**Credit points:** 3 **Session:** Semester 2, Summer Main **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prohibitions:** MATH1015, MATH1905, STAT1021, STAT1022, ECMT1010 **Assumed knowledge:** HSC Mathematics **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH1005 is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering.

This unit offers a comprehensive introduction to data analysis, probability, sampling, and inference including t-tests, confidence intervals and chi-squared goodness of fit tests.

*Textbooks*

As set out in the Junior Mathematics Handbook

## Mathematics and Statistics Junior Advanced units of study

Advanced units of study are designed for students who have a strong background and a keen interest in mathematics and who need to study mathematics at a higher level to satisfy their own aspirations or degree requirements. All students aiming for high achievement, such as an Honours degree or postgraduate study, are advised to enrol in Advanced units of study.

## Content

The unit of study content is similar in outline to that of the Normal units of study above but proceeds more deeply and at a faster rate, covers more difficult material and requires more mathematical sophistication. There are more details of these units of study in the Junior Mathematics Unit of Study Handbook, available from the School at the time of enrolment.

## Assumed knowledge

Knowledge equivalent to the HSC Mathematics Extension 2 course is assumed. Students who have a very good result in the equivalent of the HSC Mathematics Extension 1 course may be permitted to enrol in these units of study after discussion with a Mathematics adviser.

## Relation to other units of study and recommendations

Students should take two units of study in each semester in order to meet the minimum requirement of 12 credit points of Mathematics in the BSc award course. The usual enrolment for Advanced level students is in the units MATH1901, MATH1902, MATH1903 and MATH1905. Passes in Junior units of study at this level qualify students to proceed to Intermediate units of study in Mathematics and Statistics at the Advanced level. It should be noted that some Intermediate and Senior units of study in both Mathematics and Statistics require specific Junior units of study as prerequisites. Students who are awarded at least a Credit grade in this level are encouraged to proceed to Intermediate units of study in Mathematics and Statistics at the Advanced level. Enrolment in MATH1906 or MATH1907 is by invitation only.

### MATH1901

#### Differential Calculus (Advanced)

**Credit points:** 3 **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator. **Prohibitions:** MATH1111, MATH1011, MATH1001, MATH1906 **Assessment:** One 1.5 hour examination, assignments and quizzes.

This unit is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering. It parallels the normal unit MATH1001 but goes more deeply into the subject matter and requires more mathematical sophistication.

#### Textbooks

As set out in the Junior Mathematics Handbook

### MATH1902

#### Linear Algebra (Advanced)

**Credit points:** 3 **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator. **Prohibitions:** MATH1002, MATH1012, MATH1014 **Assessment:** One 1.5 hour examination, assignments and quizzes.

This unit is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering. It parallels the normal unit MATH1002 but goes more deeply into the subject matter and requires more mathematical sophistication.

#### Textbooks

As set out in the Junior Mathematics Handbook

### MATH1903

#### Integral Calculus and Modelling Advanced

**Credit points:** 3 **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator. **Prohibitions:** MATH1003, MATH1013, MATH1907 **Assumed knowledge:** HSC Mathematics Extension 2 or Credit or better in MATH1001 or MATH1901 **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH1903 is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering.

This unit of study parallels the normal unit MATH1003 but goes more deeply into the subject matter and requires more mathematical sophistication.

#### Textbooks

As set out in the Junior Mathematics Handbook

### MATH1905

#### Statistics (Advanced)

**Credit points:** 3 **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator. **Prohibitions:** MATH1015, MATH1005, STAT1021, STAT1022, ECMT1010 **Assessment:** One 1.5 hour examination, assignments and quizzes.

This unit is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering. This Advanced level unit of study parallels the normal unit MATH1005 but goes more deeply into the subject matter and requires more mathematical sophistication.

#### Textbooks

As set out in the Junior Mathematics Handbook

### MATH1906

#### Mathematics (Special Studies Program) A

**Credit points:** 3 **Session:** Semester 1 **Classes:** Two 1 hour lectures, one 1 hour seminar and one 1 hour tutorial per week. **Prerequisites:** UAI (or ATAR equivalent) of at least 98.5 and result in Band E4 HSC Mathematics Extension 2; by invitation **Prohibitions:** MATH1111, MATH1001, MATH1011, MATH1901 **Assessment:** One 1.5 hour exam, assignments, classwork.

*Note: Department permission required for enrolment.*

This is an Advanced unit of study. Entry to Mathematics (Special Studies Program) A is restricted to students with a UAI of 98.5 and an excellent school record in Mathematics. Students will cover the material in MATH1901 Differential Calculus (Advanced). In addition there will be a selection of special topics, which are not available elsewhere in the Mathematics and Statistics program.

### MATH1907

#### Mathematics (Special Studies Program) B

**Credit points:** 3 **Session:** Semester 2 **Classes:** Two 1 hour lectures, one 1 hour seminar and one 1 hour tutorial per week. **Prerequisites:** Distinction in MATH1906; by invitation **Prohibitions:** MATH1003, MATH1013, MATH1903 **Assessment:** One 1.5 hour exam, assignments, classwork.

*Note: Department permission required for enrolment.*

This is an Advanced unit of study. Entry to Mathematics (Special Studies Program) B is normally restricted to students with a Distinction in MATH1906. Students will cover the material in MATH1903 Integral Calculus and Modelling (Advanced). In addition there will be a selection of special topics, which are not available elsewhere in the Mathematics and Statistics program.

## Mathematics Intermediate units of study

The School of Mathematics provides a range of Intermediate units of study, each worth 6 credit points covering a variety of topics in Pure and Applied Mathematics. A normal Intermediate load in a discipline is 12 credit points and this is the minimum that should be undertaken by anyone intending to specialise in Senior Mathematics. The units of study are taught at either the Normal or the Advanced level. Entry to an Advanced unit of study usually requires a Credit or better in a Normal level prerequisite or a Pass in an Advanced level prerequisite. For ease of overview the units of study are arranged under Pure, for students wishing to specialise in Pure Mathematics, and Applied, for those wishing to specialise in Applied Mathematics. Several units of study are suitable for either. Details of each unit of study appear below whilst full details of unit of study structure, content and examination

procedures are provided in the Second Year Mathematics Handbook available from the School at the time of enrolment.

### Pure units of study (each 6 credit points)

Algebra (Adv) MATH2968; Discrete Maths & Graph Theory MATH2069; Discrete Maths & Graph Theory (Adv) MATH2969; Linear Mathematics & Vector Calculus MATH2061; Linear Mathematics & Vector Calculus (Adv) MATH2961; Number Theory and Cryptography MATH2068; Real and Complex Analysis (Adv) MATH2962

### Applied units of study (each 6 credit points)

Introduction to Partial Differential Equations MATH2065; Introduction to Partial Differential Equations (Adv) MATH2965; Linear Mathematics & Vector Calculus MATH2061; Linear Mathematics & Vector Calculus (Adv) MATH2961; Mathematical Computing & Nonlinear Systems MATH2063; Mathematical Computing & Nonlinear Systems (Adv) MATH2963; Optimisation & Financial Mathematics MATH2070; Optimisation & Financial Mathematics (Adv) MATH 2970

### Relation to other units of study and recommendations

In general, 2 units of study (12 credit points) of Intermediate mathematics are needed to progress to a Senior Mathematics unit of study. If your major interest is in mathematics, then you are strongly encouraged to enrol in at least 3 units of study in Intermediate Mathematics. If you are considering doing Honours in mathematics, they should include some Advanced units of study. Students intending to specialise in Applied Mathematics are encouraged to include MATH2061 or 2961, and MATH2065 or 2965. Students intending to specialise in Pure Mathematics should include MATH2061 or 2961. Students considering Honours in Pure Mathematics should also take MATH2962 and MATH2968. Computer Science students may like to include MATH2069 or 2969 among their choices. Physics students would be well-advised to choose MATH2061 or 2961, and MATH2065 or 2965. Prospective teachers of mathematics should consider MATH2061 and 2068.

### MATH2916

#### Working Seminar A (SSP)

**Credit points:** 3 **Session:** Semester 1 **Classes:** One 1 hour seminar per week. **Prerequisites:** By invitation, High Distinction average over 12 credit points of Advanced Junior Mathematics **Assessment:** One 1 hour presentation, 15-20 page essay.

*Note: Department permission required for enrolment.*

The main aim of this unit is to develop the students' written and oral presentation skills. The material will consist of a series of connected topics relevant to modern mathematics and statistics. The topics are chosen to suit the students' background and interests, and are not covered by other mathematics or statistics units. The first session will be an introduction on the principles of written and oral presentation of mathematics. Under the supervision and advice of the lecturer(s) in charge, the students present the topics to the other students and the lecturer in a seminar series and a written essay in a manner that reflects the practice of research in mathematics and statistics.

### MATH2917

#### Working Seminar B (SSP)

**Credit points:** 3 **Session:** Semester 2 **Classes:** One 1 hour seminar per week. **Prerequisites:** By invitation, High Distinction average over 12 credit points of Advanced Junior Mathematics **Assessment:** One 1 hour presentation, 15-20 page essay.

*Note: Department permission required for enrolment.*

The main aim of this unit is to develop the students' written and oral presentation skills. The material will consist of a series of connected topics relevant to modern mathematics and statistics. The topics are chosen to suit the students' background and interests, and are not covered by other mathematics or statistics units. The first session will be an introduction on the principles of written and oral presentation of mathematics. Under the supervision and advice of the lecturer(s) in charge, the students present the topics to the other students and the lecturer in a seminar series and a written essay in a manner that reflects the practice of research in mathematics and statistics.

### MATH2061

#### Linear Mathematics and Vector Calculus

**Credit points:** 6 **Session:** Semester 1, Summer Main **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour practice class per week. **Prerequisites:** MATH(1111 or 1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902) and MATH(1003 or 1903 or 1907) **Prohibitions:** MATH2001, MATH2901, MATH2002, MATH2902, MATH2961, MATH2067 **Assessment:** One 2 hour exam, assignments, quizzes

This unit starts with an investigation of linearity: linear functions, general principles relating to the solution sets of homogeneous and inhomogeneous linear equations (including differential equations), linear independence and the dimension of a linear space. The study of eigenvalues and eigenvectors, begun in junior level linear algebra, is extended and developed. Linear operators on two-dimensional real space are investigated, paying particular attention to the geometrical significance of eigenvalues and eigenvectors. The unit then moves on to topics from vector calculus, including vector-valued functions (parametrised curves and surfaces; vector fields; div, grad and curl; gradient fields and potential functions), line integrals (arc length; work; path-independent integrals and conservative fields; flux across a curve), iterated integrals (double and triple integrals; polar, cylindrical and spherical coordinates; areas, volumes and mass; Green's Theorem), flux integrals (flow through a surface; flux integrals through a surface defined by a function of two variables, though cylinders, spheres and parametrised surfaces), Gauss' Divergence Theorem and Stokes' Theorem.

### MATH2961

#### Linear Mathematics & Vector Calculus Adv

**Credit points:** 6 **Session:** Semester 1 **Classes:** Four 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) and MATH (1903 or 1907 or Credit in 1003) **Prohibitions:** MATH2001, MATH2901, MATH2002, MATH2902, MATH2061, MATH2067 **Assessment:** 2 hour exam, assignments

This unit is an advanced version of MATH2061, with more emphasis on the underlying concepts and on mathematical rigour. Topics from linear algebra focus on the theory of vector spaces and linear transformations.

The connection between matrices and linear transformations is studied in detail. Determinants, introduced in first year, are revised and investigated further, as are eigenvalues and eigenvectors. The calculus component of the unit includes local maxima and minima, Lagrange multipliers, the inverse function theorem and Jacobians.

There is an informal treatment of multiple integrals: double integrals, change of variables, triple integrals, line and surface integrals, Green's theorem and Stokes' theorem.

### MATH2962

#### Real and Complex Analysis (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour practice class per week. **Prerequisites:** MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) and MATH (1903 or 1907 or Credit in 1003) **Prohibitions:** MATH2007, MATH2907 **Assessment:** 2 hour exam, assignments, quizzes

Analysis is one of the fundamental topics underlying much of mathematics including differential equations, dynamical systems, differential geometry, topology and Fourier analysis. Starting off with an axiomatic description of the real number system, this first course in analysis concentrates on the limiting behaviour of infinite sequences and series on the real line and the complex plane. These concepts are then applied to sequences and series of functions, looking at point-wise and uniform convergence. Particular attention is given to power series leading into the theory of analytic functions and complex analysis. Topics in complex analysis include elementary functions on the complex plane, the Cauchy integral theorem, Cauchy integral formula, residues and related topics with applications to real integrals.

### MATH2063

#### Math Computing and Nonlinear Systems

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week (lectures in common

with MATH2963). **Prerequisites:** MATH(1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902) and MATH(1003 or 1903 or 1907) **Prohibitions:** MATH2003, MATH2903, MATH2006, MATH2906, MATH2963 **Assessment:** 2 hour exam, assignments, quizzes

This unit will introduce students to techniques of mathematical computation as applied to nonlinear systems, using the numerical programming language MATLAB and, where appropriate, computer algebra. This knowledge will be applied to a number of modelling problems, particularly those involving nonlinear mappings and nonlinear ordinary differential equations (ODEs). Throughout the unit of study the essential nonlinear theory will be developed, and the resulting ideas will be explored computationally. This will allow us to explore the modern concepts of chaos using a variety of examples, including the logistic map, the Henon map and the Lorenz equations. No prior knowledge of programming or of the MATLAB language or computer algebra is required.

### MATH2963

#### Math Computing & Nonlinear Systems (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week (lectures in common with MATH2063). **Prerequisites:** MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) and MATH (1903 or 1907 or Credit in 1003) **Prohibitions:** MATH2003, MATH2903, MATH2006, MATH2906, MATH2063 **Assessment:** 2 hour exam, assignments/quizzes

The content of this unit of study parallels that of MATH2063, but both computational and theory components will place more emphasis on Advanced topics, including Lyapunov exponents, stability, 2- and 3-cycles for mappings and concepts such as strange attractors. No prior knowledge of programming or of the MATLAB language or computer algebra is required.

### MATH2065

#### Partial Differential Equations (Intro)

**Credit points:** 6 **Session:** Semester 2, Summer Main **Classes:** Three 1 hour lectures, one 1 hour tutorial, one 1 hour example class per week. **Prerequisites:** MATH(1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902) and MATH(1003 or 1903 or 1907) **Prohibitions:** MATH2005, MATH2905, MATH2965, MATH2067 **Assessment:** 2 hour exam, mid-semester test, assignments

This is an introductory course in the analytical solutions of PDEs (partial differential equations) and boundary value problems. The techniques covered include separation of variables, Fourier series, Fourier transforms and Laplace transforms.

### MATH2965

#### Partial Differential Equations Intro Adv

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week (lectures in common with MATH2065). **Prerequisites:** MATH (2961 or Credit in 2061) or (MATH (2901 or Credit in 2001) and MATH (2902 or Credit in 2002)) **Prohibitions:** MATH2005, MATH 2905, MATH2065, MATH2067 **Assessment:** 2 hour exam, assignments

This unit of study is essentially an Advanced version of MATH2065, the emphasis being on solutions of differential equations in applied mathematics. The theory of ordinary differential equations is developed for second order linear equations, including series solutions, special functions and Laplace transforms, and boundary-value problems including separation of variables, Fourier series and Fourier transforms.

### MATH2068

#### Number Theory and Cryptography

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. **Prerequisites:** 6 credit points of Junior level Mathematics **Prohibitions:** MATH3024, MATH3009, MATH2988 **Assumed knowledge:** MATH (1014 or 1002 or 1902) **Assessment:** 2 hour exam, assignments, quizzes

Cryptography is the branch of mathematics that provides the techniques for confidential exchange of information sent via possibly insecure channels. This unit introduces the tools from elementary number theory that are needed to understand the mathematics underlying the most commonly used modern public key cryptosystems.

Topics include the Euclidean Algorithm, Fermat's Little Theorem, the Chinese Remainder Theorem, Möbius Inversion, the RSA Cryptosystem, the Elgamal Cryptosystem and the Diffie-Hellman Protocol. Issues of computational complexity are also discussed.

### MATH2988

#### Number Theory and Cryptography Advanced

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. **Prerequisites:** At least 9cp from MATH (1901 or Credit in 1001), MATH (1902 or Credit in 1002), MATH (1903 or Credit in 1003), MATH (1904 or Credit in 1004), MATH (1905 or Credit in 1005), MATH1906, MATH1907, MATH (2961 or Credit in MATH2061), MATH2962 or MATH (2969 or Credit in MATH2069). **Prohibitions:** MATH2068 **Assessment:** One 2 hr exam, homework assignments

This unit of study is an advanced version of MATH2068, sharing the same lectures but with more advanced topics introduced in the tutorials and computer laboratory sessions.

### MATH2968

#### Algebra (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour practice class per week. **Prerequisites:** 9 credit points of Junior Mathematics (advanced level or Credit at normal level) including (MATH1902 or Credit in MATH1002) **Prohibitions:** MATH2908, MATH2918, MATH2008 **Assessment:** 2 hour exam, assignments

This unit provides an introduction to modern abstract algebra, via linear algebra and group theory. It extends the linear algebra covered in Junior Mathematics and in MATH2961, and proceeds to a classification of linear operators on finite dimensional spaces. Permutation groups are used to introduce and motivate the study of abstract group theory. Topics covered include actions of groups on sets, subgroups, homomorphisms, quotient groups and the classification of finite abelian groups.

### MATH2069

#### Discrete Mathematics and Graph Theory

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour practice class per week. **Prerequisites:** 6 credit points of Junior level Mathematics **Prohibitions:** MATH2011, MATH2009, MATH2969 **Assessment:** One 2 hour exam, assignments, quizzes

This unit introduces students to several related areas of discrete mathematics, which serve their interests for further study in pure and applied mathematics, computer science and engineering. Topics to be covered in the first part of the unit include recursion and induction, generating functions and recurrences, combinatorics, asymptotics and analysis of algorithms. Topics covered in the second part of the unit include Eulerian and Hamiltonian graphs, the theory of trees (used in the study of data structures), planar graphs, the study of chromatic polynomials (important in scheduling problems), maximal flows in networks, matching theory.

### MATH2969

#### Discrete Mathematics & Graph Theory Adv

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour practice class per week. **Prerequisites:** 9 credit points of Junior Mathematics (advanced level or Credit at the normal level) **Prohibitions:** MATH2011, MATH2009, MATH2069 **Assessment:** Two 1.5 hour exams, assignments, quizzes

This unit will cover the same material as MATH2069 with some extensions and additional topics.

### MATH2070

#### Optimisation and Financial Mathematics

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. **Prerequisites:** MATH(1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902) **Prohibitions:** MATH2010, MATH2033, MATH2933, MATH2970, ECMT3510 **Assumed knowledge:** MATH (1003 or 1903 or 1907) **Assessment:** One 2 hour exam, assignments, quiz, project

*Note: Students may enrol in both MATH2070 and MATH3075 in the same semester*



Problems in industry and commerce often involve maximising profits or minimising costs subject to constraints arising from resource limitations. The first part of this unit looks at programming problems and their solution using the simplex algorithm; nonlinear optimisation & the Kuhn Tucker conditions.

The second part of the unit deals with utility theory and modern portfolio theory. Topics covered include: pricing under the principles of expected return and expected utility; mean-variance Markowitz portfolio theory, the Capital Asset Pricing Model, log-optimal portfolios and the Kelly criterion; dynamical programming. Some understanding of probability theory including distributions and expectations is required in this part.

Theory developed in lectures will be complemented by computer laboratory sessions using MATLAB. Minimal computing experience will be required.

### MATH2970

#### Optimisation & Financial Mathematics Adv

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week (lectures given in common with MATH2070). **Prerequisites:** MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) **Prohibitions:** MATH2010, MATH2033, MATH2933, MATH2070 **Assumed knowledge:** MATH (1903 or 1907) or Credit in MATH1003 **Assessment:** One 2 hour exam, assignments, quizzes

*Note: Students may enrol in both MATH2970 and MATH3975 in the same semester*

The content of this unit of study parallels that of MATH2070, but students enrolled at Advanced level will undertake more advanced problem solving and assessment tasks, and some additional topics may be included.

### Mathematics Senior units of study

The School of Mathematics and Statistics provides a range of senior units of study in the Science Subject Area MATH. (The separate Science Subject Area STAT is dealt with in the next section.) Each unit of study is worth 6 credit points; students wishing to obtain a major in mathematics must therefore take at least 4 units of senior mathematics, while those wishing to obtain a double major must take 8. To proceed to honours in either Applied Mathematics or Pure Mathematics, students must have a major in mathematics. Honours entry is further restricted to students attaining a sufficiently high average mark in their senior year. Students interested in doing honours should consult the School to find out the precise details, and obtain advice on an appropriate senior year program. As well as majors in Mathematics and Statistics, the School offers a major in Financial Mathematics and Statistics. The precise requirements for this major can be found in Table 1. Alternatively, consult the School directly.

#### Normal and Advanced

Each unit of study is designated either as "Normal" or "Advanced". Advanced units have more stringent prerequisites than normal units, and are significantly more demanding. Although the precise requirements vary from unit to unit, it is generally inadvisable for a student who has not achieved a Credit average in intermediate level mathematics to attempt an advanced senior mathematics unit.

#### Semester 1

MATH3063 Differential Equations and Biomaths; MATH3065 Logic and Foundations; MATH3076 Mathematical Computing; MATH3961 Metric Spaces (Advanced); MATH3962 Rings, Fields and Galois Theory (Adv); MATH3963 Differential Equations and Biomaths (Adv); MATH3974 Fluid Dynamics (Advanced); MATH3976 Mathematical Computing (Advanced)

#### Semester 2

MATH3061 Geometry and Topology; MATH3062 Algebra and Number Theory; MATH3067 Information and Coding Theory (Not offered in 2009) MATH3075 Financial Mathematics; MATH3078 PDEs and Waves; MATH3964 Complex Analysis with Applications (Advanced) (Not offered in 2009) MATH3966 Modules and Group Representations (Adv); MATH3968 Differential Geometry (Adv); MATH3969 Measure

Theory & Fourier Analysis (Adv); MATH3975 Financial Mathematics (Advanced); MATH3977 Lagrangian & Hamiltonian Dynamics (Adv); MATH3978 PDEs and Waves (Advanced)

### Relation to other units of study and recommendations

In general, 4 units of study (24 credit points) are required in order to major in Mathematics and a credit average is required to progress to an Honours year. Potential Honours students are strongly encouraged to include one or more Advanced level unit(s) of study and seek advice from a Senior year coordinator. Particular combinations would be suitable for students with special interests.

#### Computer Science students

MATH3065, MATH3962, MATH3076/3976, MATH3062, MATH3067, MATH3966, MATH3061, MATH3075/3975.

#### Engineering (BSc/BE) students

MATH3961, MATH3068, MATH3063/3963, MATH3065, MATH3974, MATH3076/3976, MATH3969, MATH3078/3978, MATH3968, MATH3067, MATH3977, MATH3964, MATH3075/3975.

#### Physics or Chemistry students

MATH3061/3961, MATH3068, MATH3962, MATH3063/3963, MATH3065, MATH3974, MATH3076/3976, MATH3969, MATH3966, MATH3968, MATH3078/3978, MATH3964, MATH3977, 3075/3975, MATH3067.

#### Prospective teachers of Mathematics

MATH3065, MATH3068, MATH3063/3963, MATH3962, MATH3961, MATH3076/3976, MATH3067, MATH3062, MATH3061, MATH3078/3978.

### MATH3061

#### Geometry and Topology

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics **Prohibitions:** MATH3001, MATH3006 **Assessment:** One 2 hour exam, tutorial tests, assignments.

The aim of the unit is to expand visual/geometric ways of thinking. The geometry section is concerned mainly with transformations of the Euclidean plane (that is, bijections from the plane to itself), with a focus on the study of isometries (proving the classification theorem for transformations which preserve distances between points), symmetries (including the classification of frieze groups) and affine transformations (transformations which map lines to lines). The basic approach is via vectors and matrices, emphasising the interplay between geometry and linear algebra. The study of affine transformations is then extended to the study of collineations in the real projective plane, including collineations which map conics to conics. The topology section considers graphs, surfaces and knots from a combinatorial point of view. Key ideas such as homeomorphism, subdivision, cutting and pasting and the Euler invariant are introduced first for graphs (1-dimensional objects) and then for triangulated surfaces (2-dimensional objects). The classification of surfaces is given in several equivalent forms. The problem of colouring maps on surfaces is interpreted via graphs. The main geometric fact about knots is that every knot bounds a surface in 3-space. This is proven by a simple direct construction, and this fact is used to show that every knot is a sum of prime knots.

### MATH3961

#### Metric Spaces (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics units **Prohibitions:** MATH3901, MATH3001 **Assumed knowledge:** MATH2961 or MATH2962 **Assessment:** 2 hour exam, assignments, quizzes

Topology, developed at the end of the 19th Century to investigate the subtle interaction of analysis and geometry, is now one of the basic disciplines of mathematics. A working knowledge of the language and

concepts of topology is essential in fields as diverse as algebraic number theory and non-linear analysis. This unit develops the basic ideas of topology using the example of metric spaces to illustrate and motivate the general theory. Topics covered include: Metric spaces, convergence, completeness and the contraction mapping theorem; Metric topology, open and closed subsets; Topological spaces, subspaces, product spaces; Continuous mappings and homeomorphisms; Compact spaces; Connected spaces; Hausdorff spaces and normal spaces, Applications include the implicit function theorem, chaotic dynamical systems and an introduction to Hilbert spaces and abstract Fourier series.

### MATH3062

#### Algebra and Number Theory

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics **Prohibitions:** MATH3962, MATH3902, MATH3002, MATH3009 **Assessment:** One 2 hour exam, quizzes and assignments

*Note: Students are advised to take MATH(2068 or 2968) before attempting this unit.*

The first half of the unit continues the study of elementary number theory, with an emphasis on the solution of Diophantine equations (for example, finding all integer squares which are one more than twice a square). Topics include the Law of Quadratic Reciprocity, representing an integer as the sum of two squares, and continued fractions. The second half of the unit introduces the abstract algebraic concepts which arise naturally in this context: rings, fields, irreducibles and unique factorisation. Polynomial rings, algebraic numbers and constructible numbers are also discussed.

#### Textbooks

Walters, RFC. Number Theory: an Introduction. Carlsaw Publications.  
Niven, I. Zuckerman, HS. Montgomery, HL. An Introduction to the Theory of Numbers. Wiley.  
Herstein, IN. Topics in Algebra. Blaisdell.  
Childs, LN. A Concrete Introduction to Higher Algebra. Springer.

### MATH3962

#### Rings, Fields and Galois Theory (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics **Prohibitions:** MATH3062, MATH3902, MATH3002 **Assumed knowledge:** MATH2961 **Assessment:** One 2 hour exam, assignments and quizzes

*Note: Students are advised to take MATH2968 before attempting this unit.*

This unit of study investigates the modern mathematical theory that was originally developed for the purpose of studying polynomial equations. The philosophy is that it should be possible to factorize any polynomial into a product of linear factors by working over a "large enough" field (such as the field of all complex numbers). Viewed like this, the problem of solving polynomial equations leads naturally to the problem of understanding extensions of fields. This in turn leads into the area of mathematics known as Galois theory.

The basic theoretical tool needed for this program is the concept of a ring, which generalizes the concept of a field. The course begins with examples of rings, and associated concepts such as subrings, ring homomorphisms, ideals and quotient rings. These tools are then applied to study quotient rings of polynomial rings. The final part of the course deals with the basics of Galois theory, which gives a way of understanding field extensions.

#### Textbooks

I.H. Herstein, Abstract algebra, second edition, MacMillan, 1990.  
S. Lang Algebra, third edition, Springer-Verlag, Graduate texts in Mathematics, 2002.  
I.N. Stewart, Galois Theory, Chapman and Hall, 1973.

### MATH3063

#### Differential Equations and Biomaths

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics **Prohibitions:** MATH3020, MATH3920, MATH3003, MATH3923, MATH3963 **Assumed knowledge:** MATH2061 **Assessment:** One 2 hour exam, assignments, quizzes

This unit of study is an introduction to the theory of systems of ordinary differential equations. Such systems model many types of phenomena in engineering, biology and the physical sciences. The emphasis will not be on finding explicit solutions, but instead on the qualitative features of these systems, such as stability, instability and oscillatory behaviour. The aim is to develop a good geometrical intuition into the behaviour of solutions to such systems. Some background in linear algebra, and familiarity with concepts such as limits and continuity, will be assumed. The applications in this unit will be drawn from predator-prey systems, transmission of diseases, chemical reactions, beating of the heart and other equations and systems from mathematical biology.

### MATH3963

#### Differential Equations & Biomaths (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics **Prohibitions:** MATH3020, MATH3920, MATH3003, MATH3923, MATH3063 **Assumed knowledge:** MATH2961 **Assessment:** One 2 hour exam, assignments, quizzes

The theory of ordinary differential equations is a classical topic going back to Newton and Leibniz. It comprises a vast number of ideas and methods of different nature. The theory has many applications and stimulates new developments in almost all areas of mathematics. The applications in this unit will be drawn from predator-prey systems, transmission of diseases, chemical reactions, beating of the heart and other equations and systems from mathematical biology. The emphasis is on qualitative analysis including phase-plane methods, bifurcation theory and the study of limit cycles. The more theoretical part includes existence and uniqueness theorems, stability analysis, linearisation, and hyperbolic critical points, and omega limit sets.

### MATH3964

#### Complex Analysis with Applications (Adv)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics **Prohibitions:** MATH3904, MATH3915 **Assumed knowledge:** MATH2962 **Assessment:** One 2 hour exam, assignments and quizzes

This unit continues the study of functions of a complex variable and their applications introduced in the second year unit Real and Complex Analysis (MATH2962). It is aimed at highlighting certain topics from analytic function theory and the analytic theory of differential equations that have intrinsic beauty and wide applications. This part of the analysis of functions of a complex variable will form a very important background for students in applied and pure mathematics, physics, chemistry and engineering.

The course will begin with a revision of properties of holomorphic functions and Cauchy theorem with added topics not covered in the second year course. This will be followed by meromorphic functions, entire functions, harmonic functions, elliptic functions, elliptic integrals, analytic differential equations, hypergeometric functions. The rest of the course will consist of selected topics from Green's functions, complex differential forms and Riemann surfaces.

### MATH3065

#### Logic and Foundations

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 6 credit points of Intermediate Mathematics **Prohibitions:** MATH3005 **Assessment:** One 2 hour exam, tutorial tests, assignments.

This unit is in two halves. The first half provides a working knowledge of the propositional and predicate calculi, discussing techniques of proof, consistency, models and completeness. The second half discusses notions of computability by means of Turing machines (simple abstract computers). (No knowledge of computer programming is assumed.) It is shown that there are some mathematical tasks (such as the halting problem) that cannot be carried out by any Turing machine. Results are applied to first-order Peano arithmetic, culminating in Gödel's Incompleteness Theorem: any statement that includes first-order Peano arithmetic contains true statements that cannot be proved in the system. A brief discussion is given of

Zermelo-Fraenkel set theory (a candidate for the foundations of mathematics), which still succumbs to Gödel's Theorem.

### MATH3966

#### Modules and Group Representations (Adv)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics **Prohibitions:** MATH3906, MATH3907 **Assumed knowledge:** MATH3962 **Assessment:** One 2 hour exam, assignments and quizzes

This unit deals first with generalized linear algebra, in which the field of scalars is replaced by an integral domain. In particular we investigate the structure of modules, which are the analogues of vector spaces in this setting, and which are of fundamental importance in modern pure mathematics. Applications of the theory include the solution over the integers of simultaneous equations with integer coefficients and analysis of the structure of finite abelian groups.

In the second half of this unit we focus on linear representations of groups. A group occurs naturally in many contexts as a symmetry group of a set or space. Representation theory provides techniques for analysing these symmetries. The component will deal with the decomposition of representation into simple constituents, the remarkable theory of characters, and orthogonality relations which these characters satisfy.

### MATH3067

#### Information and Coding Theory

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics **Prohibitions:** MATH3007, MATH3010 **Assessment:** One 2 hour exam, tutorial tests, assignments.

The related theories of information and coding provide the basis for reliable and efficient storage and transmission of digital data, including techniques for data compression, digital broadcasting and broadband internet connectivity. The first part of this unit is a general introduction to the ideas and applications of information theory, where the basic concept is that of entropy. This gives a theoretical measure of how much data can be compressed for storage or transmission. Information theory also addresses the important practical problem of making data immune to partial loss caused by transmission noise or physical damage to storage media. This leads to the second part of the unit, which deals with the theory of error-correcting codes. We develop the algebra behind the theory of linear and cyclic codes used in modern digital communication systems such as compact disk players and digital television.

### MATH3068

#### Analysis

*This unit of study is not available in 2010*

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics **Prohibitions:** MATH3008, MATH2007, MATH2907, MATH2962 **Assessment:** One 2 hour exam, tutorial tests, assignments.

Analysis grew out of calculus, which leads to the study of limits of functions, sequences and series. The aim of the unit is to present enduring beautiful and practical results that continue to justify and inspire the study of analysis. The unit starts with the foundations of calculus and the real number system. It goes on to study the limiting behaviour of sequences and series of real and complex numbers. This leads naturally to the study of functions defined as limits and to the notion of uniform convergence. Returning to the beginnings of calculus and power series expansions leads to complex variable theory: analytic functions, Taylor expansions and the Cauchy Integral Theorem.

Power series are not adequate to solve the problem of representing periodic phenomena such as wave motion. This requires Fourier theory, the expansion of functions as sums of sines and cosines. This unit deals with this theory, Parseval's identity, pointwise convergence theorems and applications.

The unit goes on to introduce Bernoulli numbers, Bernoulli polynomials, the Euler MacLaurin formula and applications, the gamma function

and the Riemann zeta function. Lastly we return to the foundations of analysis, and study limits from the point of view of topology.

### MATH3968

#### Differential Geometry (Advanced)

*This unit of study is not available in 2010*

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics, including MATH2961 **Prohibitions:** MATH3903 **Assumed knowledge:** At least 6 credit points of Advanced Mathematics units of study at Intermediate or Senior level. **Assessment:** One 2 hour exam and 2 assignments

This unit is an introduction to Differential Geometry, using ideas from calculus of several variables to develop the mathematical theory of geometrical objects such as curves, surfaces and their higher-dimensional analogues. Differential geometry also plays an important part in both classical and modern theoretical physics. The initial aim is to develop geometrical ideas such as curvature in the context of curves and surfaces in space, leading to the famous Gauss-Bonnet formula relating the curvature and topology of a surface. A second aim is to present the calculus of differential forms as the natural setting for the key ideas of vector calculus, along with some applications.

### MATH3969

#### Measure Theory & Fourier Analysis (Adv)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points Intermediate Mathematics **Prohibitions:** MATH3909 **Assumed knowledge:** At least 6 credit points of Advanced Mathematics units of study at Intermediate or Senior level **Assessment:** One 2 hour exam, assignments, quizzes

Measure theory is the study of such fundamental ideas as length, area, volume, arc length and surface area. It is the basis for the integration theory used in advanced mathematics since it was developed by Henri Lebesgue in about 1900. Moreover, it is the basis for modern probability theory. The course starts by setting up measure theory and integration, establishing important results such as Fubini's Theorem and the Dominated Convergence Theorem which allow us to manipulate integrals. This is then applied to Fourier Analysis, and results such as the Inversion Formula and Plancherel's Theorem are derived. Probability Theory is then discussed, with topics including independence, conditional probabilities, and the Law of Large Numbers.

### MATH3974

#### Fluid Dynamics (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics with average grade of at least Credit **Prohibitions:** MATH3914 **Assumed knowledge:** MATH2961, MATH2965 **Assessment:** One 2 hour exam

This unit of study provides an introduction to fluid dynamics, starting with a description of the governing equations and the simplifications gained by using stream functions or potentials. It develops elementary theorems and tools, including Bernoulli's equation, the role of vorticity, the vorticity equation, Kelvin's circulation theorem, Helmholtz's theorem, and an introduction to the use of tensors. Topics covered include viscous flows, lubrication theory, boundary layers, potential theory, and complex variable methods for 2-D airfoils. The unit concludes with an introduction to hydrodynamic stability theory and the transition to turbulent flow.

### MATH3075

#### Financial Mathematics

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics **Prohibitions:** MATH3975, MATH3015, MATH3933 **Assessment:** Two class quizzes and one 2 hour exam

This unit is an introduction to the mathematical theory of modern finance. Topics include: notion of arbitrage, pricing riskless securities, risky securities, utility theory, fundamental theorems of asset pricing, complete markets, introduction to options, binomial option pricing

model, discrete random walks, Brownian motion, derivation of the Black-Scholes option pricing model, extensions and introduction to pricing exotic options, credit derivatives. A strong background in mathematical statistics and partial differential equations is an advantage, but is not essential. Students completing this unit have been highly sought by the finance industry, which continues to need graduates with quantitative skills. The lectures in the Normal unit are held concurrently with those of the corresponding Advanced unit.

### MATH3975

#### Financial Mathematics (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics with at least Credit average **Prohibitions:** MATH3933, MATH3015, MATH3075 **Assessment:** Two class quizzes and one 2 hour exam

This unit is an introduction to the mathematical theory of modern finance. Topics include: notion of arbitrage, pricing riskless securities, risky securities, utility theory, fundamental theorems of asset pricing, complete markets, introduction to options, binomial option pricing model, discrete random walks, Brownian motion, derivation of the Black-Scholes option pricing model, extensions and introduction to pricing exotic options, credit derivatives. A strong background in mathematical statistics and partial differential equations is an advantage, but is not essential. Students completing this unit have been highly sought by the finance industry, which continues to need graduates with quantitative skills. Students enrolled in this unit at the Advanced level will be expected to undertake more challenging assessment tasks. The lectures in the Advanced unit are held concurrently with those of the corresponding Normal unit.

### MATH3076

#### Mathematical Computing

**Credit points:** 6 **Teacher/Coordinator:** Dr D J Ivers **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour laboratory per week. **Prerequisites:** 12 credit points of Intermediate Mathematics and one of MATH(1001 or 1003 or 1901 or 1903 or 1906 or 1907) **Prohibitions:** MATH3976, MATH3016, MATH3916 **Assessment:** One 2 hour exam, assignments, quizzes

This unit of study provides an introduction to Fortran 95 programming and numerical methods. Topics covered include computer arithmetic and computational errors, systems of linear equations, interpolation and approximation, solution of nonlinear equations, quadrature, initial value problems for ordinary differential equations and boundary value problems.

### MATH3976

#### Mathematical Computing (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr D J Ivers **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics and one of MATH(1903 or 1907) or Credit in MATH1003 **Prohibitions:** MATH3076, MATH3016, MATH3916 **Assessment:** One 2 hour exam, assignments, quizzes

See entry for MATH3076 Mathematical Computing.

### MATH3977

#### Lagrangian & Hamiltonian Dynamics (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr. Leon Poladian **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics with at least Credit average **Prohibitions:** MATH2904, MATH2004, MATH3917 **Assessment:** One 2 hour exam and assignments and/or quizzes

This unit provides a comprehensive treatment of dynamical systems using the mathematically sophisticated framework of Lagrange and Hamilton. This formulation of classical mechanics generalizes elegantly to modern theories of relativity and quantum mechanics. The unit develops dynamical theory from the Principle of Least Action using the calculus of variations. Emphasis is placed on the relation between the symmetry and invariance properties of the Lagrangian and Hamiltonian functions and conservation laws. Coordinate and canonical transformations are introduced to make apparently complicated dynamical problems appear very simple. The unit will

also explore connections between geometry and different physical theories beyond classical mechanics.

Students will be expected to solve fully dynamical systems of some complexity including planetary motion and to investigate stability using perturbation analysis. Hamilton-Jacobi theory will be used to elegantly solve problems ranging from geodesics (shortest path between two points) on curved surfaces to relativistic motion in the vicinity of black holes.

This unit is a useful preparation for units in dynamical systems and chaos, and complements units in differential equations, quantum theory and general relativity.

### MATH3078

#### PDEs and Waves

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics **Prohibitions:** MATH3978, MATH3018, MATH3921 **Assumed knowledge:** MATH(2061/2961) and MATH(2065/2965) **Assessment:** One 2 hour exam, one lecture quiz

This unit of study introduces Sturm-Liouville eigenvalue problems and their role in finding solutions to boundary value problems. Analytical solutions of linear PDEs are found using separation of variables and integral transform methods. Three of the most important equations of mathematical physics - the wave equation, the diffusion (heat) equation and Laplace's equation - are treated, together with a range of applications. There is particular emphasis on wave phenomena, with an introduction to the theory of sound waves and water waves.

#### Textbooks

Powers, DL. Boundary Value Problems. Harcourt-Brace 4th Edition. 1999.

### MATH3978

#### PDEs and Waves (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** 12 credit points of Intermediate Mathematics with at least Credit average **Prohibitions:** MATH3078, MATH3018, MATH3921 **Assumed knowledge:** MATH(2061/2961) and MATH(2065/2965) **Assessment:** One 2 hour exam, one lecture quiz

As for MATH3078 PDEs & Waves but with more advanced problem solving and assessment tasks. Some additional topics may be included.

#### Textbooks

Powers, DL. Boundary Value Problems. Harcourt-Brace 4th Edition. 1999.

## Statistics Intermediate units of study

The School of Mathematics and Statistics provides Intermediate units of study, each worth 6 credit points, in Statistics. A normal Intermediate load in a discipline is 12 credit points and students intending to specialise in Senior Statistics should take 2 units of study (12 credit points) of Intermediate Statistics. Topics are offered at Normal and Advanced levels and may not be counted together. Further information follows, whilst details of units of study structure, content and assessment procedures are provided in the Intermediate Year Unit of Study Handbook available from the School at the time of enrolment. The units of study (each 6 credit points) are listed below:

### First semester

Statistical Models STAT2011; Probability and Statistical Models (Adv) STAT2911

### Second semester

Statistical Tests STAT2012; Statistical Tests (Advanced) STAT2912

### Relation to other units of study and recommendations

Students should note that all Senior Statistics units of study have statistics prerequisites and some require MATH1003 or 1903 or MATH1002 or 1902. MATH2061 or MATH2961 is also desirable. If your major interest is statistics, then you are encouraged to enrol in 2 units of study (12 credit points) in Intermediate Statistics. If you are considering doing Honours in Statistics, these units of study should be the Advanced units of study, and choices from Intermediate Mathematics should include at least MATH2061 or 2961. If you do

not intend to major in Statistics but want a solid introduction to Applied Statistics, you should take STAT2012 in your second semester.

### STAT2011

#### Statistical Models

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory week. **Prerequisites:** MATH (1001 or 1901 or 1906 or 1011) and [MATH (1005 or 1905 or 1015) or STAT1021] **Prohibitions:** STAT2901, STAT2001, STAT2911 **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

This unit provides an introduction to univariate techniques in data analysis and the most common statistical distributions that are used to model patterns of variability. Common discrete random models like the binomial, Poisson and geometric and continuous models including the normal and exponential will be studied. The method of moments and maximum likelihood techniques for fitting statistical distributions to data will be explored. The unit will have weekly computer classes where candidates will learn to use a statistical computing package to perform simulations and carry out computer intensive estimation techniques like the bootstrap method.

### STAT2911

#### Probability and Statistical Models (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. **Prerequisites:** MATH (1903 or 1907 or Credit in 1003) and MATH (1905 or 1904 or Credit in 1005) **Prohibitions:** STAT2001, STAT2011, STAT2901 **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

This unit is essentially an advanced version of STAT2011, with an emphasis being on the mathematical techniques used to manipulate random variables and probability models. Common random variables including the Poisson, normal, beta and gamma families are introduced. Probability generating functions and convolution methods are used to understand the behaviour of sums of random variables. The method of moments and maximum likelihood techniques for fitting statistical distributions to data will be explored. The unit will have weekly computer classes where candidates will learn to use a statistical computing package to perform simulations and carry out computer intensive estimation techniques like the bootstrap method.

### STAT2012

#### Statistical Tests

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. **Prerequisites:** MATH (1005 or 1905 or 1015) **Prohibitions:** STAT2004, STAT2912 **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

This unit provides an introduction to the standard methods of statistical analysis of data: Tests of hypotheses and confidence intervals, including t-tests, analysis of variance, regression - least squares and robust methods, power of tests, non-parametric tests, non-parametric smoothing, tests for count data, goodness of fit, contingency tables. Graphical methods and diagnostic methods are used throughout with all analyses discussed in the context of computation with real data using an interactive statistical package.

### STAT2912

#### Statistical Tests (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. **Prerequisites:** MATH1905 or Credit in MATH1005 **Prohibitions:** STAT2004, STAT2012 **Assumed knowledge:** STAT (2911 or 2901) **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

This unit is essentially an advanced version of STAT2012 with an emphasis on both methods and the mathematical derivation of these methods: Tests of hypotheses and confidence intervals, including t-tests, analysis of variance, regression - least squares and robust methods, power of tests, non-parametric methods, non-parametric smoothing, tests for count data, goodness of fit, contingency tables. Graphical methods and diagnostic methods are used throughout with

all analyses discussed in the context of computation with real data using an interactive statistical package.

## Statistics senior units of study

The School of Mathematics and Statistics provides several Senior units of study, each worth 6 credit points, in Statistics. Students wishing to major in Statistics should take 4 units of study (24 credit points) of Senior Statistics. Some topics are offered at Normal and Advanced levels and may not be counted together. Entry to some Advanced units of study requires a Credit or better in a Normal level prerequisite or a Pass or better in an Advanced level prerequisite. Further information follows, whilst details of unit of study structure, content, and assessment procedures are provided in the Senior Units of Study Handbook available from the School at the time of enrolment. The units of study (each 6 credit points) are listed below:

### First semester

STAT3011 Stochastic Processes and Time Series; STAT3911 Stochastic Processes and Time Series Adv; STAT3012 Applied Linear Methods; STAT3912 Applied Linear Methods Advanced

### Second semester

STAT3013 Statistical Inference; STAT3913 Statistical Inference Advanced; STAT3014 Applied Statistics; STAT3914 Applied Statistics Advanced

### Relation to other units of study and recommendations

In general 4 units of study (24 credit points) are required in order to major in Statistics, and a Credit average is required to progress to an Honours year. Potential Honours students are expected to include at least two Advanced level units of study. Students intending to major in Statistics should choose 2 units of study of Senior Statistics each semester, making 24 credit points in total.

### STAT3011

#### Stochastic Processes and Time Series

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week; ten 1 hour computer laboratories per semester. **Prerequisites:** STAT (2011 or 2911 or 2001 or 2901) and MATH (1003 or 1903 or 1907). **Prohibitions:** STAT3911, STAT3003, STAT3903, STAT3005, STAT3905 **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

Section I of this course will introduce the fundamental concepts of applied stochastic processes and Markov chains used in financial mathematics, mathematical statistics, applied mathematics and physics. Section II of the course establishes some methods of modeling and analysing situations which depend on time. Fitting ARMA models for certain time series are considered from both theoretical and practical points of view. Throughout the course we will use the S-PLUS (or R) statistical packages to give analyses and graphical displays.

### STAT3911

#### Stochastic Processes and Time Series Adv

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lecture, one 1 hour tutorial per week, plus an extra 1 hour lecture per week on advanced material in the first half of the semester. Seven 1 hour computer laboratories (on time series) in the second half of the semester (one 1 hour class per week). **Prerequisites:** (STAT2911 or credit in STAT2011) and MATH(1003 or 1903 or 1907). **Prohibitions:** STAT3011, STAT3003, STAT3903, STAT3005, STAT3905 **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

This is an Advanced version of STAT3011. There will be 3 lectures in common with STAT3011. In addition to STAT3011 material, theory on branching processes and birth and death processes will be covered. There will be more advanced tutorial and assessment work associated with this unit.

### STAT3012

#### Applied Linear Models

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratories per week. **Prerequisites:**

STAT(2012 or 2912 or 2004) and MATH(1002 or 1014 or 1902). **Prohibitions:** STAT3912, STAT3002, STAT3902, STAT3004, STAT3904 **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

This course will introduce the fundamental concepts of analysis of data from both observational studies and experimental designs using classical linear methods, together with concepts of collection of data and design of experiments. First we will consider linear models and regression methods with diagnostics for checking appropriateness of models. We will look briefly at robust regression methods here. Then we will consider the design and analysis of experiments considering notions of replication, randomization and ideas of factorial designs. Throughout the course we will use the R statistical package to give analyses and graphical displays.

### STAT3912

#### Applied Linear Models (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. **Prerequisites:** (STAT2912 or Credit in STAT2004 or Credit in STAT2012) and MATH(2061 or 2961 or 1902). **Prohibitions:** STAT3012, STAT3002, STAT3902, STAT3004, STAT3904 **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

This unit is essentially an Advanced version of STAT3012, with emphasis on the mathematical techniques underlying applied linear models together with proofs of distribution theory based on vector space methods. There will be 3 lectures per week in common with STAT3012 and some advanced material given in a separate advanced tutorial together with more advanced assessment work.

### STAT3013

#### Statistical Inference

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. **Prerequisites:** STAT(2012 or 2912 or 2003 or 2903) and STAT (2011 or 2911) **Prohibitions:** STAT3913, STAT3001, STAT3901 **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

In this course we will study basic topics in modern statistical inference. This will include traditional concepts of mathematical statistics: likelihood estimation, method of moments, properties of estimators, exponential families, decision-theory approach to hypothesis testing, likelihood ratio test as well as more recent approaches such as Bayes estimation, Empirical Bayes and nonparametric estimation. During the computer classes (using R software package) we will illustrate the various estimation techniques and give an introduction to computationally intensive methods like Monte Carlo, Gibbs sampling and EM-algorithm.

### STAT3913

#### Statistical Inference Advanced

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. **Prerequisites:** STAT(2911 or 2903). **Prohibitions:** STAT3013, STAT3001, STAT3901 **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

*Note: It is advisable to have also completed STAT2912*

This unit is essentially an Advanced version of STAT3013, with emphasis on the mathematical techniques underlying statistical inference together with proofs based on distribution theory. There will be 3 lectures per week in common with some material required only in this advanced course and some advanced material given in a separate advanced tutorial together with more advanced assessment work.

### STAT3014

#### Applied Statistics

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. **Prerequisites:** STAT(2012 or 2912 or 2004). **Prohibitions:** STAT3914, STAT3002, STAT3902, STAT3006 **Assumed knowledge:** STAT(3012 or 3912). **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

This unit has three distinct but related components: Multivariate analysis; sampling and surveys; and generalised linear models. The

first component deals with multivariate data covering simple data reduction techniques like principal components analysis and core multivariate tests including Hotelling's  $T^2$ , Mahalanobis' distance and Multivariate Analysis of Variance (MANOVA). The sampling section includes sampling without replacement, stratified sampling, ratio estimation, and cluster sampling. The final section looks at the analysis of categorical data via generalized linear models. Logistic regression and log-linear models will be looked at in some detail along with special techniques for analyzing discrete data with special structure.

### STAT3914

#### Applied Statistics Advanced

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour computer laboratory per week plus an extra hour each week which will alternate between lectures and tutorials. **Prerequisites:** STAT2912 or credit or better in (STAT2004 or STAT2012). **Prohibitions:** STAT3014, STAT3002, STAT3902, STAT3006, STAT3907 **Assumed knowledge:** STAT3912 **Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports.

This unit is an Advanced version of STAT3014. There will be 3 lectures per week in common with STAT3014. The unit will have extra lectures focusing on multivariate distribution theory developing results for the multivariate normal, partial correlation, the Wishart distribution and Hotelling's  $T^2$ . There will also be more advanced tutorial and assessment work associated with this unit.

### BIOM3006

#### Statistics for the Natural Sciences

*This unit of study is not available in 2010*

**Credit points:** 6 **Teacher/Coordinator:** Dr Thomas Bishop **Session:** Semester 2 **Classes:** (2x1 hr workshops, 1x3 hr practical)/wk **Prerequisites:** BIOM2001 or STAT2012 or STAT2912 **Assessment:** 1x3 hour exam (40%), 1 major report (20%), weekly practical assignments (40%)

This unit of study is designed to introduced students to the analysis of data they may face in their future careers, in particular data that are not well behaved, they may be non-normal, there may be missing observations or they may be correlated in space and time. It is a core unit for students in BLWSc and is a prerequisite for those in BScAgr wishing to specialise in Environmetrics. It is also offered to BSc students wishing to complete an applied statistics unit. In the first part, students will learn about the generalisation of the linear regression and ANOVA model to accommodate non-normal data, mixtures of categorical and continuous data and non-linearities in the relationship between the response and predictor variables. In the second part, students will learn about stochastic processes and how to analyse (i) data that is correlated in space and time (ii) designed experiments with REML. At the end of this unit, students will have learnt a range of advanced statistical methods and be equipped to apply this knowledge to analyse data that they may encounter in their future studies and careers. The students will gain research and inquiry skills through completion of weekly computer assignments and a major report where they will analyse a 4th year research project. Information literacy and communication skills will be developed through weekly computer work and an oral presentation of the results from the major report.

## Medical Science units of study

### Bachelor of Medical Science junior units of study

All prerequisite and corequisite units of study, details of staff, examinations, units of study delivery and descriptions are as described under the appropriate Department or School entry in this chapter.

### Bachelor of Medical Science Intermediate Core units of study

#### BMED2801

##### Cell Structure and Function

**Credit points:** 6 **Teacher/Coordinator:** Dr Vladimir Balcar **Session:** Semester 1 **Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight. **Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study **Prohibitions:** All Intermediate level units offered by the

Schools of Molecular and Microbial Biosciences, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916) **Assessment:** One 2 hour theory exam; three in-semester assessments

This unit of study begins with a discussion of the unique morphology of unicellular prokaryotic organisms (bacteria, fungi and viruses) followed by the structure and function of human cells. A strong understanding of cellular structures is essential for an appreciation of whole body function. Basic cell structure is examined by focussing on cell specialisation and tissue organisation in humans. The structure and function of excitable cells such as nerve and muscle will lead to a discussion of membrane potential, synaptic transmission and neuromuscular junction. The unit of study then gives an introduction into how gene expression is regulated during development, and how the cell cycle is controlled to coordinate programmed events such as differentiation and cell death. This allows discussion of the consequences and treatment of abnormal tissue growth (cancer).

Practical classes not only complement the lecture material but also introduce students to a wide range of technical skills, tissue processing and bacterial cultivation. In addition, the sessions are also designed to provide students with generic skills such as record keeping, data collection and presentation, protocol planning and written communication.

### BMED2802

#### Molecular Basis of Medical Sciences

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight. **Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study **Prohibitions:** All Intermediate level units offered by the Schools of Molecular and Microbial Biosciences, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916) **Assessment:** One 2 hour theory exam; three in-semester assessments.

This unit of study extends pre-existing understanding of the way in which genetic information is stored, transmitted and expressed. Students will be introduced to the role of enzymes in the catalysis of cellular reactions and the pharmacological strategies employed to exploit our knowledge of these mechanisms is then discussed. Intracellular signalling cascades, cell to cell signalling and pharmacological intervention in these processes is covered. The molecular basis of drug action and the use of DNA technology in drug design will be discussed. Students will then cover the application of medical genetics to the study of advanced gene expression, recombinant technology, cloning and gene products, transgenics and the linkage and mapping of genes including reference to DNA fingerprinting and the human genome project and gene therapy.

The technical skills taught in the practical classes include the use of restriction enzymes, the separation of DNA molecules using electrophoresis, the inspection of chromosomes, linkage mapping, gene transfer and the measurement of gene expression. In addition to nurturing the skills involved in the design and execution of experiments, the practical sessions will formally teach students report writing skills and will give students practice at articulating feedback to their peers.

#### Textbooks

Genes IX (9th edition, Jones & Bartlett, 2008)

### BMED2803

#### Cardiac, Respiratory and Renal Function

**Credit points:** 6 **Teacher/Coordinator:** Dr Suzanne Ollerenshaw **Session:** Semester 1 **Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight. **Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study **Prohibitions:** All Intermediate level units offered by the Schools of Molecular and Microbial Biosciences, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916) **Assessment:** One 2hr theory exam; three in-semester assessments

The maintenance of constant conditions in the human body is dependent on thousands of intricate control mechanisms. This unit of study examines many of those homeostatic processes with specific reference to major apparatus such as the respiratory, cardiovascular and renal. The structure and function of the cardiovascular system is discussed and cardiac output, blood pressure and blood flow are studied. Discussion of the respiratory system embraces the structure

of the respiratory organs and description of the mechanism of the transport of gases to and from cells. Similar treatment of the renal system involves anatomical and histological investigation of kidney structure and a physiological description of kidney function.

Practical classes are designed to nurture the same generic attributes taught in BMED2801 and BMED2802 but, in addition, students are introduced to a wide range of anatomical and physiological technical skills. Specifically, students will investigate the structure and function of the heart and blood vessels, the components of the respiratory system and the kidney - all at the cellular and organ level. Students will also conduct experiments (often on themselves) which show how heart rate and blood pressure are controlled, how breathing is regulated and how urine output is modulated in response to both physiological and pharmacological stimuli.

### BMED2804

#### Digestion, Absorption and Metabolism

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight. **Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study **Prohibitions:** All Intermediate level units offered by the Schools of Molecular and Microbial Biosciences, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916) **Assessment:** One 2 hour theory exam; three in-semester assignments.

This unit of study gives an introduction to the structures used to digest and absorb fuels, at both the anatomical and histological level. This is then followed by discussion of the utilisation and fate of absorbed nutrients. After an overview of the alimentary tract and associated organs, the detailed anatomy of the oral cavity, oesophagus, stomach, intestines, liver, etc is considered. This is complemented by description of the specialised cell types in the digestive system, discussion of the transport mechanisms employed to absorb nutrients, and consideration of the control systems used to regulate activity of the digestive process. The role of intestinal microflora in the gastrointestinal tract, contributing to both beneficial digestion and absorption of nutrients, as well as to pathogenic disruption, is also discussed in this unit of study. The fundamentals of metabolism are introduced, in particular, the chemical reactions that are responsible for fuel processing. The pharmacokinetic angle is explored further with discussion of the metabolism and absorption of drugs including the detoxification and excretion of xenobiotic compounds.

Practical classes give students extensive experience with inspection of the digestive system at both the cellular and gross anatomical level. The peristaltic reflex and pharmacological influences are explored. These sessions are designed to nurture observation, data analysis, record keeping and report writing skills.

### BMED2805

#### Hormones, Reproduction and Development

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael Morris **Session:** Semester 2 **Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight. **Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study **Prohibitions:** All Intermediate level units offered by the Schools of Molecular and Microbial Biosciences, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916) **Assessment:** One 2 hr theory exam; three in-semester assessments

This unit of study examines hormonal control of human body processes. Specifically, students will investigate the structure and function of endocrine glands: such as the pituitary, thyroid and pancreas - all at the cellular and organ level. Examples of the influence of hormones on metabolic processes are provided by consideration of fuel selection during exercise and starvation, and in diabetes and obesity. The fate of the macronutrients (carbohydrate, fat and protein) is then considered by reference to their uptake, disposal and reassembly into storage fuels and cellular structures. Biochemical pathways involved in the extraction of energy from the macronutrient fuels are then covered, with particular emphasis on the whole body integration and regulation of these metabolic processes. This leads on to discussion of performance enhancing drugs and also provides a solid background for the understanding of pharmacological intervention in these conditions. The hormones involved in reproduction, contraception, fertilisation and pregnancy are also

discussed, leading on to foetal-new-born transition and the development of the human embryo and cell differentiation.

In the practical classes, students are introduced to a wide range of technical skills. Specifically, students will investigate the structure and function of the important endocrine glands - all at the cellular and organ level. Students will design a biochemical kit for the evaluation of blood glucose and will perform a glucose tolerance test to investigate how glucose levels are regulated and modulated in response to a glucose load. In addition, sessions are designed to nurture oral presentation skills, hypothesis testing, data analysis, troubleshooting, instruction writing and feedback skills.

### BMED2806

#### Sensory and Motor Functions

**Credit points:** 6 **Teacher/Coordinator:** Dr Richard Ward **Session:** Semester 1 **Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight. **Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study **Prohibitions:** All Intermediate level units offered by the Schools of Molecular and Microbial Biosciences, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916) **Assessment:** One 2 hour theory exam; three in-semester assessments

This unit of study examines how neural and motor systems are adapted to sense and respond to changes in the external environment. After consideration of the basic anatomical organisation of the nervous and sensory systems, the way in which nerve signals are integrated and coordinated in response to external stimuli are covered in more detail. Various senses such as vision, touch and hearing are studied, together with a discussion on motor reflexes. The receptors involved in normal modes of communications are discussed before specific examples such as the fright and flight and stress responses are considered. This is complemented by discussion of the effects of drugs on the nervous system, with special reference to pain and analgesics. An appreciation is gained of how toxins and infections can perturb the normal neuromuscular co-ordination. Thus, pharmacological and pathological considerations, such as the use of poisoned arrows and muscle paralysis and viral and tetanus infections, are studied in concert with relevant physiological concepts.

In practical classes, students perform experiments (often on themselves) to illustrate the functioning of the senses and motor control and coordination involving both stretch and flexor reflexes. In addition, students extend their anatomical expertise by examining the structure and function of the nervous system and the skeleton (especially the vertebral column, the thorax and the limbs). Practical sessions also include the effects of analgesics on experimental pain and case studies of tetanus and botulism. The practical sessions draw widely on, and nurture, the generic skills taught in preceding units of study but particularly in BMED2804 and BMED2805.

### BMED2807

#### Microbes and Body Defences

**Credit points:** 6 **Teacher/Coordinator:** Helen Agus **Session:** Semester 2 **Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight. **Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study **Prohibitions:** All Intermediate level units offered by the Schools of Molecular and Microbial Biosciences, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916) **Assessment:** One 2hr theory exam; three in-semester assessments.

This unit of study begins by introducing the concepts of disease transmission, pathogenicity and virulence mechanisms of microbes. How the body deals with injury and infection is discussed by exploring host defences. Sections on wound healing, clotting and inflammation cover the response to physical damage and this is complemented by discussion of the pharmacological basis of anti-inflammatory agents and anti-coagulants.

For a full understanding of the process of infection, it is necessary to have an appreciation of the range of pathogens and injuries with which the body must cope. Therefore this unit of study examines the structure and function of pathogenic microorganisms (including bacteria, fungi, protists, and viruses, etc). The response of the body to pathogen invasion is studied by discussion of both molecular and cellular immune responses. In particular, this gives students an appreciation of the

structure, production and diversity of antibodies, the processing of antigens, operation of the complement system and recognition and destruction of invading cells. This allows students to appreciate the basis of derangements of the immune system and the mechanism of action of immuno-modulatory drugs.

Practical classes allow students to obtain experience in, and an understanding of, a range of techniques in classical and molecular virology, bacteriology and immunology. In addition, the practical sessions draw widely on, and nurture, the generic skills taught in preceding units of study.

### BMED2808

#### Disease in Society

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Brett Hambly **Session:** Semester 2 **Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight. **Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study **Prohibitions:** All Intermediate level units offered by the Schools of Molecular and Microbial Biosciences, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916) **Assessment:** One 2hr theory exam; three in-semester assessments.

Disease in Society seeks to integrate basic knowledge of important diseases, ranging from metabolic diseases through airways and heart disease and cancer to infections. About half the unit considers infectious diseases: viral, bacterial, fungal and parasitic. The other half looks at inherited disorders, cardio-respiratory disorders such as angina, heart failure and asthma. Society's approaches to dealing with these diseases - whether by pharmacological intervention, counselling or lifestyle change are discussed. Putting the disease in the relevant social context is emphasized in all aspects of the unit.

The impact of bacteria and viruses on individuals and society is taught with reference to specific infectious diseases (eg influenza, polio, herpes, STDs, etc) and this leads into an introduction of epidemiology. Included in the discussion of the way in which these organisms cause and transmit disease is a consideration of how antibiotics and anti-viral drugs work and how microbes can become drug resistant.

Practical classes are designed to complement the lectures and provide a 'hands-on' experience in investigating disease. Also included are tutorial sessions in which hospital microbiologists guide students through clinical case studies and in an integrated session, students examine the infection, immunity and pathology of tuberculosis. These sessions are designed to nurture an appreciation of the importance of an integrative approach to the study of disease in today's society. The generic skills taught in preceding units of study are further reinforced.

## Bachelor of Medical Science Senior Core units of study

Students are required to complete at least 36 credit points of Senior units of study chosen from the core subject areas of Anatomy and Histology, Biology (Genetics), Biochemistry, Cell Pathology, Immunology, Infectious diseases, Microbiology, Pharmacology and Physiology, as listed in Table IV. Descriptions are listed here and under the relevant department headings in this chapter where the units are offered by other Schools/Departments in the faculty.

### INFD3012

#### Infectious Diseases

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Colin Harbour **Session:** Semester 2 **Classes:** One 1 hour lecture and one 1 hour tutorial and one 2 hour practical and one 2 hour case study or theme session a week. **Prerequisites:** 42 credit points of intermediate BMED units including BMED2807. **Assumed knowledge:** Intermediate microbiology, immunology, molecular biology and genetics. **Assessment:** Formal examination (60%): one 2 hour exam worth. Progressive assessment (40%): includes 2000-word essay, tutorial case presentation, poster presentation.

*Note: The completion of MICR3011 is strongly recommended prior to undertaking this course.*

Infectious diseases occur as a result of interactions between a host and a microbial parasite. This unit of study will explain how infectious agents interact with human hosts at the molecular, cellular, individual patient and community levels to cause diseases and how the hosts



attempt to combat these infections. The unit will be taught by the discipline of Infectious Diseases and Immunology of the Department of Medicine within the Central Clinical School, Faculty of Medicine with involvement of associated clinical and research experts who will contribute lectures and theme sessions on their own special interests. The primary learning vehicle in this unit will be the case study involving three or four cases per week on the diseases theme of the week, e.g. Pneumonia in week 1, wound infections in week 2 etc. Students are strongly recommended to complete MICR3011 before enrolling in this unit.

#### Textbooks

Medical Microbiology. Edited by Cedric Mims et al. Mosby, 2004. ISBN 07234-3260-0

## Bachelor of Medical Science Honours

The Bachelor of Medical Science Honours degree is governed by regulations of the Senate and of the Faculty of Science as described in chapter 5. An Honours degree may be taken by students of sufficient merit in any of the Departments offering Senior level core units. Entry to Honours units is regulated by individual Departments and the exact detail of Honours programs also varies from Department to Department. Students interested in undertaking Honours should consult the relevant Department for further details.

## Medical Science Honours - Infectious Diseases Honours

The Honours program in Infectious Diseases provides the opportunity for full-time research on a proposed project supervised by a staff member expert in that field. Experimental research, a seminar and a thesis constitute the major part of the program and of assessment. Guidance in research techniques is given in training programs covering experimental design, data analysis, written and oral communication and critical appraisal of the literature. Student contributions to this program are also assessed. In addition, a supplementary seminar program keeps students informed and abreast of wider issues in infectious diseases.

### Applying for admission to Infectious Diseases Honours

Students are invited to apply for Honours enrolment during semester two of the year preceding Honours. Applicants should consult the Honours coordinator in the first instance. A list of possible research topics is provided, and students select projects of interest, speak with prospective supervisors and apply for permission to enrol, before the end of semester two. Within the constraints of availability, an attempt is made to assign students to the project of their choice. Usually Honours candidates will have achieved a Credit in the senior unit Infectious Diseases and will also have successfully completed Senior study in Biochemistry, Microbiology, or Virology. Usually Honours candidates will have an overall SCIVAM of 65 or greater. Departmental permission is required for enrolment.

## Medicinal Chemistry

Medicinal Chemistry is an interdisciplinary major offered within the BSc. It is concerned with the chemistry underpinning the design, discovery and development of new pharmaceuticals, and is jointly administered by the School of Chemistry and the Department of Pharmacology. Medicinal Chemistry examines why some types of chemical compounds are toxic, why some have therapeutic value, and the mode of drug action at the molecular level. A major in Medicinal Chemistry includes the study of natural and synthetic compounds of biological and medicinal importance, how molecules interact with each other and how specific molecules can influence metabolic pathways in living organisms. A student seeking to complete this major will study Junior and Intermediate Chemistry, and also Intermediate Pharmacology, as prerequisites for the Senior units of study. Refer to Table 1 for an enrolment guide and to entries under the contributing schools and departments for unit descriptions.

## Microbiology

The discipline of Microbiology in the School of Molecular and Microbial Biosciences offers units of study that equip students for a career in Microbiology in fields of health, industry and basic research. In addition, it provides introductory units of study to students of agriculture, pharmacy and science. These units of study will help students who wish to specialise in related fields where microorganisms are often used in studying life processes, e.g. biochemistry, genetics and botany.

## Microbiology Intermediate units of study

### MICR2021

#### Microbial Life

**Credit points:** 6 **Teacher/Coordinator:** Dr Deborah Blanckenberg **Session:** Semester 1 **Classes:** Two 1-hour lectures per week, plus an additional six 1-hour tutorials per semester. Eleven 3-hour practicals per semester. **Prerequisites:** 6cp of Junior Biology and (6cp of MBLG (1001 or 1901) or MBLG2901 or PLNT2001 or PLNT2901) and 6cp of Junior Chemistry **Prohibitions:** MICR2921, MICR2024, MICR2001, MICR2901, MICR2003, MICR2007, MICR2011, MICR2909 **Assessment:** One 2-hour theory exam, continuous assessment in practicals, two assignments, two quizzes, practical assignment exercises.

*Note: Students are very strongly recommended to complete MICR (2021 or 2921 or 2024) before enrolling in MICR2022 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT (2001 or 2901).*

Microorganisms are by far the most ubiquitous organisms on the planet, and underpin healthy ecosystems through nutrient recycling and biodegradation, as well as providing many aspects of plant and animal nutrition. They are used in many industrial processes such as producing enzymes, vitamins and antibiotics, and in the manufacture of some foods and beverages. Microorganisms can also cause problems, however, such as human, animal and plant diseases, poisoning, pollution and spoilage. The small size of most microorganisms means special techniques are required to view, measure, classify and identify them.

In this unit of study, the diversity of microbial life, including viruses, bacteria, fungi, algae and protozoa, and their importance to humans, are introduced. The course is designed for the students wishing to major in microbiology as well as those requiring microbial skills while specializing in related fields, such as molecular biology.

Theoretical aspects of microbiology are supplemented with laboratory classes that teach the safe handling and viewing of microorganisms, and draw on research in microbiology laboratories.

#### Textbooks

Willey et al. Prescott, Harley, and Klein's Microbiology. 7th edition. WCB/McGraw-Hill. 2007.

### MICR2921

#### Microbial Life (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Deborah Blanckenberg **Session:** Semester 1 **Classes:** Two 1-hour lectures per week, plus an additional six 1-hour tutorials and three 1-hour seminars per semester. Eleven 3-hour practicals per semester. **Prerequisites:** (6 credit points of Junior Biology) and (6 credit points of MBLG (1001 or 1901) or MBLG2901 or PLNT2001 or PLNT2901) and 6 credit points of Junior Chemistry. Distinction grade required in at least one of Junior Biology or MBLG1001 or MBLG1901 or PLNT2001 or PLNT2911. **Prohibitions:** MICR2021, MICR2024, MICR2001, MICR2901, MICR2003, MICR2007, MICR2011, MICR2909 **Assessment:** One 2-hour theory exam, continuous assessment in practical, two assignments, two quizzes, practical assignment exercises, essay.

*Note: Students are very strongly advised to complete MICR (2021 or 2921 or 2024) before enrolling in MICR2022 or 2922 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT(2001 or 2901).*

This unit of study is based on MICR2021 with three additional seminars on advanced aspects of the material covered in MICR2021. The content and nature of this component may vary from year to year.

#### Textbooks

As for MICR2021

**MICR2022****Microbes in Society**

**Credit points:** 6 **Teacher/Coordinator:** Dr Deborah Blackenberg **Session:** Semester 2 **Classes:** Two 1-hour lectures per week, plus an additional four 1-hour tutorials per semester. Eleven 3-hour practicals per semester **Prerequisites:** 6 of Junior Biology and (6 of MBLG (1001 or 1901) or PLNT2001 or PLNT2911) and 6 of Junior Chemistry **Prohibitions:** MICR2922, MICR2002, MICR2902, MICR2004, MICR2008, MICR2012, MICR2909 **Assumed knowledge:** MICR (2021 or 2921 or 2024 or 2026) **Assessment:** One 2-hour theory exam, continuous assessment in practicals, two assignments, two quizzes, practical assessment exercises.

*Note: Students are very strongly advised to complete MICR (2021 or 2921 or 2024) before enrolling in MICR2022 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT (2001 or 2901).*

Pathogenic microbes cause infectious diseases of humans, animals and plants, and inflict enormous suffering and economic losses. Beneficial microbes are important contributors to food production, agriculture, biotechnology, and environmental processes. The aims of MICR2022/2922 are to explore the impacts and applications of microbes in human society and in the environment at large, and to teach skills and specialist knowledge in several key areas of microbiology. Medical Microbiology lectures will cover bacterial, viral, and fungal pathogens, and will introduce the concepts of epidemiology, transmission, pathogenicity, virulence factors, host/parasite relationships, host defences, prevention of disease, and antibiotic types, functions, and resistance. Lecture topics in other areas include Food (preservation, spoilage, poisoning, industrial context), Industrial (fermentation, traditional and recombinant products, bioprospecting), Environmental (nutrient cycles, atmosphere, wastewater, pollution, biodegradation) and Agricultural (nitrogen fixation, plant pathogens, biocontrols). The laboratory sessions are integrated with the lecture series and are designed to give students practical experience in isolating, identifying and manipulating microorganisms. BSc or BSc (Advanced) students who have completed MICR2021/2921 and MICR2022/2922 may be offered the opportunity to undertake work experience for approx one month in a local microbiology laboratory (hospital, industrial, university etc) subject to availability of places.

**Textbooks**

Willey et al. Prescott, Harley and Klein's Microbiology. 7th edition. WCB/McGraw-Hill. 2007.

**MICR2922****Microbes in Society (Advanced)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Deborah Blackenberg **Session:** Semester 2 **Classes:** Two 1-hour lectures per week, plus an additional three 1-hour tutorials, four 1-hour seminars and eleven 3-hour practicals per semester. **Prerequisites:** 6 credit points of Junior Biology and (6 credit points of MBLG1001 or MBLG1901 or PLNT2001 or PLNT2901) and 6 credit points of Junior Chemistry. Distinction grade required in at least one of Junior Biology or MBLG1001 or MBLG1901 or PLNT2001 or PLNT2911 **Prohibitions:** MICR2022, MICR2002, MICR2902, MICR2004, MICR2008, MICR2012, MICR2909 **Assumed knowledge:** MICR (2021 or 2921 or 2024 or 2026) **Assessment:** One 2-hour theory exam, continuous assessment in practicals, assignment, two quizzes, practical assessment exercises, essay

*Note: Students are very strongly advised to complete MICR (2021 or 2921 or 2024) before enrolling in MICR2922 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT (2001 or 2901).*

This unit of study is based on MICR2022 with three additional seminars on advanced aspects of the material covered in MICR2022. The content and nature of this component may vary from year to year.

**Textbooks**

As for MICR2022

**MICR2024****Microbes in the Environment**

**Credit points:** 6 **Teacher/Coordinator:** Dr Andrew Holmes **Session:** Semester 2 **Classes:** (2 lec, 3h prac)/wk **Prerequisites:** 12 credit points of first year Biology **Prohibitions:** MICR2001, MICR2901, MICR2003, MICR2007, MICR2011, MICR2021, MICR2921, MICR 2909 **Assessment:** One 2h end of semester exam, project report, practical quizzes.

This unit introduces the diversity of microbes found in soil, water, air, plants and animal environments. Through an examination of their physiology and genetics it explores their interactions with plants,

animals and each other, and their roles as decomposers and recyclers in the environment. The soil is a rich microbial environment, and the concept of soil health and its relationship to plant growth is discussed. Practical classes introduce techniques and skills in isolating, quantifying and culturing microbes, designing and interpreting experiments to study microbial growth, and in preparing and presenting data.

**Textbooks**

Willey et al. 2007. Prescott/Harley/Klein's Microbiology 7th ed. McGraw-Hill.

**Microbiology Senior units of study****MICR3011****Microbes in Infection**

**Credit points:** 6 **Teacher/Coordinator:** Helen Agus **Session:** Semester 1 **Classes:** Two 1-hour lectures per week, eight 3-hour practical sessions and three 2-hour clinical tutorials per semester **Prerequisites:** At least 6 credit points of MBLG units and MICR (2022 or 2922 or 2002 or 2902). For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2807 and 2808). For BScAgr students: PLNT (2001 or 2901) and MICR (2022 or 2922). **Prohibitions:** MICR3911, MICR3001, MICR3901 **Assessment:** One 2-hour exam, practical assessment

This unit is designed to further develop an interest in, and understanding of, medical microbiology from the introduction in Intermediate Microbiology. Through an examination of microbial structure, virulence, body defences and pathogenesis, the process of acquisition and establishment of disease is covered. The unit is divided into three themes: 1. Clinical Microbiology: host defences, infections, virulence mechanisms; 2. Public health microbiology: epidemiology, international public health, transmission, water and food borne outbreaks; 3. Emerging and re-emerging diseases: the impact of societal change with respect to triggering new diseases and causing the re-emergence of past problems, case studies. The practical component is designed to enhance students' practical skills and to complement the lecture series. Clinical tutorial sessions underpin and investigate the application of the material covered in the practical classes.

**Textbooks**

Murray PR et al. Medical Microbiology. 6th edition. Mosby. 2009.

**MICR3911****Microbes in Infection (Advanced)**

**Credit points:** 6 **Teacher/Coordinator:** Helen Agus **Session:** Semester 1 **Classes:** Two 1-hour lectures per week, plus an additional six 1-hour tutorials, eight 3-hour practical sessions and three 2-hour clinical tutorials per semester. **Prerequisites:** At least 6 credit points of MBLG units and Distinction in MICR (2022 or 2922 or 2002 or 2902). For BMedSc students: 42 credit points of Intermediate BMED units including in BMED (2807 or 2808) with a Distinction in one of these two. For BScAgr students: PLNT (2001 or 2901) and MICR (2022 or 2922) including one Distinction. **Prohibitions:** MICR3011, MICR3001, MICR3901 **Assessment:** One 2-hour exam, practical assessment, one in-semester 1 hour essay exam on topic of choice

This unit is available to students who have performed well in Intermediate Microbiology. MICR3911 is based on MICR3011 with a series of additional tutorials to extend students beyond the core material. Consequently, the unit of study content may vary from year to year.

**Textbooks**

Murray PR et al. Medical Microbiology. 5th ed., Mosby, 2005.

**MICR3012****Molecular Biology of Pathogens**

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Dee Carter **Session:** Semester 2 **Classes:** Two 1-hour lectures per week, six 5-hour practicals plus two practical-based tutorials per semester. **Prerequisites:** At least 6 credit points of MBLG units and MICR (2022 or 2922 or 2002 or 2902). For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2802, 2807 and 2808). For BScAgr students: PLNT (2001 or 2901) and MICR2024. **Prohibitions:** MICR3912, MICR3002, MICR3902, MICR3003, MICR3903, MICR3004, MICR3904 **Assessment:** One 2-hour exam, continuous assessment, practical report.

This unit of study is designed to provide an understanding of the virulence mechanisms underlying microbial disease at the molecular level. The following topics will be covered: pathogenic processes and

the molecular basis of adhesion, toxin production, cell invasion and immune evasion in bacteria; the molecular basis of antibiotic action and resistance and modern techniques used in the study of microbial diseases.

The complementary practical course teaches fundamental techniques in molecular microbiology through a molecular epidemiological investigation of a food poisoning outbreak.

#### Textbooks

Salyers AA and Whitt DD. Bacterial Pathogenesis, A Molecular Approach. 2nd edition. ASM. 2002.

### MICR3912

#### Molecular Biology of Pathogens (Adv)

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Dee Carter **Session:** Semester 2 **Classes:** Two 1-hour lectures per week plus two additional 1-hour lectures per semester. Six 5-hour practicals plus two practical-based tutorials. **Prerequisites:** At least 6 credit points of MBLG units and Distinction in MICR (2022 or 2922 or 2002 or 2902). For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2802 or 2807 or 2808) with a Distinction in one of these three. For BScAgr students: PLNT (2001 or 2901) and MICR2024 including one Distinction. **Prohibitions:** MICR3012, MICR3002, MICR3902, MICR3003, MICR3903, MICR3004, MICR3904 **Assessment:** One 2-hour exam, continuous assessment, practical report

This unit is available to students who have performed well in Intermediate Microbiology and is based on MICR3012 with two advanced lectures related to the research interests in the Discipline of Microbiology that are relevant to the molecular biology of pathogens. The assessment component specific to MICR3922 is a presentation on a topic introduced in the advanced lecture course.

Students enrolled in both MICR3922 and MICR3912 may be eligible to undertake a research project in a Microbiology lab (School of MMB) to replace the practical component of both courses. Research projects are assessed by lab performance, lab books and an oral presentation. Allocation to a research project is based on academic merit as places are limited.

#### Textbooks

Salyers, AA and Whitt, DD. Bacterial Pathogenesis, A Molecular Approach. 2nd edition. ASM. 2002.

### MICR3022

#### Microbial Biotechnology

**Credit points:** 6 **Teacher/Coordinator:** Dr Nick Coleman **Session:** Semester 2 **Classes:** Two 1-hour lectures per week and seven 4 hour practicals. **Prerequisites:** At least 6 credit points of MBLG units and 6 credit points of Intermediate MICR units. For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2802 and 2807). For BScAgr students: PLNT (2001 or 2901) and MICR2024. **Prohibitions:** MICR3922, MICR3002, MICR3902 **Assessment:** One 2-hour theory exam, practical reports, lab book and skills assessment.

Microbes are central to biotechnology as chemical factories, as sources of enzymes and as cloning hosts. The lecture and prac courses in MICR3022/3922 aim to teach basic principles and methods in microbiology in the context of applications in biotechnology - including industrial, medical and environmental biotech. A special focus will be on the importance of microbial diversity as a source of enzyme diversity for biotechnology. The course revolves around three themes, summarized as metabolites, enzymes, and communities. Topic areas to be covered in lectures include production of small molecules (alcohols and antibiotics), production of macromolecules (protein expression, recombinant DNA), and management of microbial proteins in plants and animals (principles, methods, risks), and management of microbial communities (gut microbes, wastewater treatment, bioprospecting). Techniques covered in lectures include fermentation, mutation, making and screening clone libraries, directed evolution, heterologous expression, metabolic engineering, environmental metagenomics, microarrays, and high throughput screening. In one practical project students will purify DNA polymerase from recombinant E.coli cells and test the enzyme for its ability to catalyze polymerase chain reaction (PCR). In the second practical project students will isolate hydrocarbon-oxidizing bacteria from soil and assess their ability to produce a useful metabolite (the blue dye indigo).

### MICR3922

#### Microbial Biotechnology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Nick Coleman **Session:** Semester 2 **Classes:** Two 1-hour lectures per week, plus two additional 1-hour lectures per semester. Eight 4-hour practicals per semester. **Prerequisites:** At least 6 credit points of MBLG units and Distinction in 6 credit points of Intermediate MICR units. For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2802 and 2807) with a Distinction in at least one of these two. For BScAgr students: PLNT (2001 or 2901) and MICR2024 including one Distinction. **Prohibitions:** MICR3022, MICR3002, MICR3902 **Assessment:** One 2-hour exam, practical report, lab book, prac skills (continuous)

This unit is available to students who have performed well in Intermediate Microbiology and has the same core components as MICR3022. In addition, MICR3922 includes four advanced lectures designed to introduce students to the primary scientific literature in microbial biotechnology; these lectures will be assessed via a task involving understanding and interpreting a scientific paper. Students taking MICR3922 may be eligible to undertake a research project in a Microbiology lab (School of MMB) to replace the practical component of the course. Research projects are assessed by lab performance, lab book and an oral presentation. Availability of research projects will be assigned on academic merit as places are limited.

### VIRO3001

#### Virology

**Credit points:** 6 **Teacher/Coordinator:** Dr Tim Newsome **Session:** Semester 1 **Classes:** Two 1-hour lectures per week, five 2-hour tutorials and six 4-hour practicals per semester. **Prerequisites:** At least 6 credit points of MBLG units and at least 6 credit points in Intermediate MICR or BCHM or BIOL or IMMU or PCOL or PHSI or PLNT units. For BMedSc students: 42 credit points of Intermediate BMED units including BMED2802. For BScAgr students: PLNT (2001 or 2901) and MICR2024. **Prohibitions:** VIRO3901 **Assumed knowledge:** MICR (2021 or 2921 or 2022 or 2922) **Assessment:** One 2-hour exam, practical work, group presentations

*Note: Students are very strongly advised to complete VIRO (3001 or 3901) before enrolling in VIRO3002 Medical and Applied Virology in Session 2.*

Viruses are some of the simplest biological machinery known, being completely dependent on hosts for their replication, yet they are also the etiological agents for some of the most important human diseases. New technologies that have revolutionised the discovery of new viruses are also revealing a hitherto unappreciated abundance and diversity in the ecosphere, and a wider role in human health and disease. Developing new gene technologies have enabled the use of viruses as therapeutic agents, in novel vaccine approaches, gene delivery and in the treatment of cancer. This unit of study is designed to introduce students who have a basic understanding of molecular biology to the rapidly evolving field of virology. Viral infection in plant and animal cells and bacteria is covered by an examination of virus structure, genomes, gene expression and replication. Building upon these foundations, this unit progresses to examine host-virus interactions, pathogenesis, cell injury, the immune response and the prevention and control of infection. The structure and replication of sub-viral agents: viroids and prions, and their role in disease are also covered. The practical component provides hands-on experience in current diagnostic and research techniques such as molecular biology, cell culture, serological techniques, immunofluorescence and immunoblot and is designed to enhance the students' practical skills and complement the lecture series. Tutorials cover a range of topical issues and provide a forum for students to develop their communication skills.

#### Textbooks

Dimmock, Easton and Leppard. Introduction to Modern Virology. 6th edition. Blackwell.

### VIRO3901

#### Virology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Tim Newsome **Session:** Semester 1 **Classes:** Two 1-hour lectures per week, plus an additional five 1-hour lectures per semester. Five 2-hour tutorials and six 4-hour practicals per semester. **Prerequisites:** At least 6 credit points of MBLG units and at least 6 credit points including one Distinction in Intermediate MICR or BCHM or BIOL or IMMU or PCOL or PHSI or PLNT units. For BMedSc students: 42 credit points of Intermediate BMED units including Distinction in BMED2802. For BScAgr students: PLNT (2001 or 2901) and MICR2024 including one Distinction. **Prohibitions:** VIRO3001 **Assumed knowledge:** MICR (2021 or 2921 or 2022)

or 2922) **Assessment:** One 2.5-hour exam, continuous assessment, practical work, group presentations

*Note: Students are very strongly advised to complete VIRO (3001 or 3901) before enrolling in VIRO3002 Medical and Applied Virology in Session 2.*

This unit is available to students who have performed well in Intermediate Microbiology and is based on VIRO3001 with a series of additional lectures related to the research interests in the Discipline. Consequently, the unit of study content may change from year to year.

#### Textbooks

Dimmock, Easton and Leppard. Introduction to Modern Virology. 6th edition. Blackwell.

### VIRO3002

#### Medical and Applied Virology

**Credit points:** 6 **Teacher/Coordinator:** Dr Belinda Herring **Session:** Semester 2 **Classes:** One 2-hour lecture per week; one 2-hour tutorial and one 4-hour practical per fortnight **Prerequisites:** 6 CP MBLG units and at least 6 CP from Intermediate MICR or BCHM or BIOL or IMMU or PCOL or PHSI units. For BMedSc Students: 42 credit points of Intermediate BMED units including BMED2807. **Assumed knowledge:** Intermediate microbiology, immunology, molecular biology and genetics. **Assessment:** Formal examination, progressive assessment, presentation, 2000 word essay, practical assignment

*Note: Students are very strongly recommended to complete VIRO(3001 or 3901) before enrolling in VIRO3002 Medical and Applied Virology in Semester 2.*

This unit of study explores the way viruses invade cells, infect individual patients and spread in the community. Host/Virus interactions will also be described with a focus on the viral mechanisms that have evolved to combat and/or evade host defence systems. These features will be used to explain the symptoms, spread and control of particular human diseases ranging from the common cold to HIV. The unit will be taught by the Infectious Diseases and Immunology Unit of the Department of Medicine with the involvement of associated clinical and research experts who will contribute lectures on their own special interests and with contributions from the discipline of Microbiology. In the practical classes students will have the opportunity to develop their skills in performing and interpreting the methods currently used in diagnostic and research virology. In the tutorials emerging problems as diverse as SARS and liver cancer will be analysed in the light of the concepts and knowledge being studied in the course.

#### Textbooks

Flint, SJ et al. Principles of Virology. ASM Press. 2004.

### VIRO3902

#### Medical and Applied Virology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Belinda Herring **Session:** Semester 2 **Classes:** 2 x 1h lec & 1 x 4h prac/week **Prerequisites:** VIRO3001 (Distinction) or VIRO3901 (Credit) **Prohibitions:** VIRO3002 **Assessment:** Practical report in addition to the assessment outlined for VIRO3002

This unit is available to students who have performed well in VIRO3001 and is based on the VIRO3002 course with a mentored practical component and report, enabling students to gain practical and relevant laboratory experience. Therefore the content of this unit may change year to year.

#### Textbooks

FLINT SJ et al. Principles of Virology. ASM Press 2004. ISBN 1-55581-259-7

## Microbiology Honours

During the Honours year, students will be involved in a study program designed for those wishing to further develop their laboratory skills and critical thinking. The program is very strongly recommended for any student wishing to enter a research career or undertake further work leading to a higher degree. The program runs from early February to mid-November and provides the opportunity for individual laboratory research work under the direction of a supervisor. This project culminates in the production of a research thesis and presentation of the key findings in a seminar. During the year each student is also expected to attend research seminars and complete a coursework component that consists of six tutorials and an exam based on the critical evaluation of scientific manuscripts. Assessment is based on the research project (including laboratory performance, written report and oral presentation) and the coursework (tutorial performance and

written exam). The Microbiology honours co-ordinator is Dr Andrew Holmes.

### Honours research areas

Microbiology Honours is conducted within the School of Molecular and Microbial Biosciences. All honours programs within the school operate according to the same applications process, timetable and assessment format. The School offer microbiology honours projects in a wide range of research areas including molecular microbiology, microbial genetics, applied and environmental microbiology, biotechnology, and virology. An overview of research projects is available through the school office, or web site. For further information on specific research projects prospective students should consult individual academic staff members.

### Applying for admission to honours

An application form providing the list of possible research projects is provided to interested students and is available from the honours coordinator. Students must arrange to speak with potential supervisors and should choose two discipline areas and three supervisors in order of preference on the application form. A decision on honours entry is made in December. Attempts will be made where possible to assign students to the supervisor of their choice but this will not always be possible. In such cases the School will work with students to find an available project. Students should note that some supervisors cannot accommodate mid-year entrants. The usual requirement for acceptance into the Honours program is a credit average in a major relevant to the project of interest; any student with an undergraduate background relevant to specific projects (including Chemistry, Biochemistry, Nutrition and Dietetics, Microbiology, Immunobiology, Physiology, Neuroscience, Mathematics, Physics, Biology or other related Medical Sciences) may be admitted. It should be noted that the number of students accepted into the Honours program may be limited because of resource restrictions (availability of a supervisor and/or laboratory space) and that, in the event of there being more applicants than resources will allow, offers will be made on the basis of academic merit. The honours unit of study codes are listed in the Honours chapter of this handbook - chapter 12. The Honours year coordinator is Dr Stuart Cordwell.

## Molecular Biology and Genetics

Molecular Biology and Genetics units of study at the Junior and Intermediate level will be taught by staff from the School of Molecular and Microbial Biosciences and the School of Biological Sciences. The Junior unit, MBLG1001, and the Intermediate unit, MBLG2071/2971, are coordinated by the School of Molecular and Microbial Biosciences, while MBLG 2072/2972 is coordinated by the School of Biological Sciences.

### MBLG1001

#### Molecular Biology and Genetics (Intro)

**Credit points:** 6 **Teacher/Coordinator:** Dr Dale Hancock **Session:** Semester 2 **Classes:** Two 1-hour lectures per week; one 1-hour tutorial and one 4-hour practical per fortnight **Prohibitions:** AGCH2001, BCHM2001, BCHM2101, BCHM2901, MBLG2101, MBLG2901, MBLG2001, MBLG2111, MBLG2771, MBLG2871, MBLG1901 **Assumed knowledge:** 6 credit points of Junior Biology and 6 cp of Junior Chemistry **Assessment:** One 2.5-hour exam, in-semester skills test and assignments

The lectures in this unit of study introduce the "Central Dogma" of molecular biology and genetics -i.e., the molecular basis of life. The course begins with the information macro-molecules in living cells: DNA, RNA and protein, and explores how their structures allow them to fulfill their various biological roles. This is followed by a review of how DNA is organised into genes leading to discussion of replication and gene expression (transcription and translation). The unit concludes with an introduction to the techniques of molecular biology and, in particular, how these techniques have led to an explosion of interest and research in Molecular Biology. The practical component complements the lectures by exposing students to experiments which explore the measurement of enzyme activity, the isolation of DNA and the 'cutting' of DNA using restriction enzymes. However, a key aim of

the practicals is to give students higher level generic skills in computing, communication, criticism, data analysis/evaluation and experimental design.

*Textbooks*  
TBA

### **MBLG1999** **Molecular Biology & Genetics Seminar A**

**Session:** Semester 2 **Classes:** Five 1-hour seminars offering different perspectives of molecular biology and genetics **Assessment:** There will be no assessment for this unit

*Note: Only available in the BSc(MBG) and MBLG1901*

This unit consists of four introductory molecular biology and genetics research based seminars.

### **MBLG2071** **Molecular Biology and Genetics A**

**Credit points:** 6 **Teacher/Coordinator:** Ms Vanessa Gysbers **Session:** Semester 1 **Classes:** Two 1-hour lectures per week; one 1-hour tutorial and one 4-hour practical per fortnight **Prerequisites:** MBLG1001 or MBLG1901 and 12 CP of Junior Chemistry. **Prohibitions:** MBLG2971, MBLG2771, MBLG2871, MBLG2001, MBLG2101, MBLG2901, MBLG2111, PLNT2001, AGCH2001, BCHM2001, BCHM2101, BCHM2901 **Assessment:** One 2.5-hour exam, practical work, laboratory reports.

*Note: Students enrolled in the combined BAppSc (Exercise and Sport Science)/BSc(Nutrition) must have completed all Junior units for this course (CHEM1101, BACH1161, BIOS1159, EXSS1018 CHEM1102, BIOS1133, BIOS1160, EXSS1033, MBLG1001) prior to enrolling in this unit.*

This unit of study extends the basic concepts introduced in MBLG1001/1901 and provides a firm foundation for students wishing to continue in the molecular biosciences as well as for those students who intend to apply molecular techniques to other biological or medical questions. The unit explores the regulation of the flow of genetic information in both eukaryotes and prokaryotes. The central focus is on the control of replication, transcription and translation and how these processes can be studied and manipulated in the laboratory. The processes of DNA mutation and repair are also discussed. Experiments in model organisms are presented to illustrate current advancements in the field, together with discussion of work carried out in human systems and the relevance to human genetic diseases. Tools of molecular biology are taught within the context of recombinant DNA cloning - with an emphasis on essential knowledge required to use plasmid vectors. The methods of gene introduction (examples of transgenic plants and animals) are also discussed along with recent developments in stem cell biology. Other techniques include the separation and analysis of macromolecules, like DNA, RNA and proteins, by gel electrophoresis and Southern, Northern & Western blotting. Analysis of gene expression by microarrays is also discussed. In the genomics section, topics include structure, packaging and complexity of the genome: assigning genes to specific chromosomes, physical mapping of genomes as well as DNA and genome sequencing methods and international projects in genome mapping.

The practical course complements the theory and builds on the skills learnt in MBLG1001. Specifically students will: use spectrophotometry for the identification and quantification of nucleic acids, explore the lac operon system for the investigation of gene expression control, perform plasmid isolation, and complete a PCR analysis for detection of polymorphisms. As with MBLG1001, strong emphasis is placed on the acquisition of generic and fundamental technical skills.

*Textbooks*  
Watson, J et al. Molecular Biology of the Gene. 5th edition. Pearson. 2004. 6th edition. Pearson. 2008.

### **MBLG2971** **Molecular Biology and Genetics A (Adv)**

**Credit points:** 6 **Teacher/Coordinator:** Vanessa Gysbers **Session:** Semester 1 **Classes:** Two 1-hour lectures per week; one 1-hour tutorial and one 4-hour practical per fortnight **Prerequisites:** 12 credit points of Junior Chemistry and Distinction in MBLG (1001 or 1901) **Prohibitions:** MBLG2071, MBLG2771, MBLG2871, MBLG2001, MBLG2101, MBLG2901, MBLG2111, PLNT2001, AGCH2001, BCHM2001, BCHM2101, BCHM2901 **Assessment:** One 2.5-hour exam, practical work, laboratory reports.

*Note: Students enrolled in the combined BAppSc (Exercise and Sport Science)/BSc(Nutrition) must have completed all Junior units for this course prior to enrolling in this unit.*

Extension of concepts presented in MBLG2071 which will be taught in the context of practical laboratory experiments.

*Textbooks*  
Watson, J et al. Molecular Biology of the Gene. 5th edition. Pearson. 2004.

### **MBLG2072** **Molecular Biology and Genetics B**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1-hour lectures per week; one 2-3 hour practical per week. One tutorial every second week. **Prerequisites:** BIOL (1001 or 1101 or 1901 or 1911) and MBLG (1001 or 1901) and 12 credit points of Junior Chemistry **Prohibitions:** MBLG2972, MBLG2102, MBLG2002, MBLG2902 **Assumed knowledge:** One of MBLG2071, MBLG2771, MBLG2001, MBLG2871, MBLG2971, MBLG2901 **Assessment:** One 2 hour exam (50%), laboratory reports and quizzes (50%).

This unit of study builds on the concepts introduced in MBLG2071 and shows how modern molecular biology is being applied to the study of the genetics of all life forms from bacteria through to complex multicellular organisms including plants, animals and humans. Lecture topics include classical Mendelian genetics with an emphasis on its molecular basis, cytogenetics, bacterial genetics and evolution, molecular evolution, bioinformatics and genomics, developmental genetics and the techniques and applications of molecular genetics. Practical: In laboratory exercises you will use a variety of prokaryotic and eukaryotic organisms to illustrate aspects of the lecture material, while developing familiarity and competence with equipment used in molecular techniques, microscopes, computers and statistical tests. Generic skills are developed in report writing, oral presentation, problem solving and data analysis. This is a core Intermediate unit of study in the BSc (Molecular Biology and Genetics) degree program.

### **MBLG2972** **Molecular Biology and Genetics B (Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1-hour lectures per week; one 2-3 hour practical per week. One tutorial every second week. **Prerequisites:** Distinction in one of MBLG2071, MBLG2771, MBLG2001, MBLG2871, MBLG2971, MBLG2901 **Prohibitions:** MBLG2072, MBLG2102, MBLG2002, MBLG2902 **Assessment:** One 2-hour exam (50%), laboratory reports and quizzes (50%).

Qualified students will participate in alternative components of MBLG2072, Molecular Biology and Genetics B. The content and nature of these components may vary from year to year.

### **MBLG3999** **Molecular Biology & Genetics Seminar B**

**Session:** Semester 2 **Classes:** Four 1-hour seminars (available by invitation only from MBLG program chair) **Assessment:** There will be no assessment for this unit.

*Note: Only available to students enrolled in the BSc(MBG) degree or the BCHM3972 course*

This unit consists of four advanced molecular biology and genetics research based seminars.

## **Molecular Biotechnology**

The following units of study are only available to students in the Bachelor of Science (Molecular Biotechnology) degree. Please consult degree information in chapter 4, and the relevant Departments/Schools entries in this chapter for descriptions of other units of study required for this degree.

### **MOBT2102** **Molecular Biotechnology 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Matthew Todd **Session:** Semester 2 **Classes:** Three 1-hour lectures and one 1-hour tutorial per week. **Prerequisites:** 12 credit points of Junior Biology and 12 credit points of Junior Chemistry **Prohibitions:** MOBT2001 **Assessment:** One 2-hour theory exam (70%) and in-semester assessments (30%). NB Students must pass the theory exam to pass the unit overall.

*Note: This unit of study is only available to students in enrolled the BSc (Molecular Biotechnology) degree.*

The main purpose of this unit of study is to introduce students to the core concepts of modern molecular biotechnology and build a base for future study in this discipline. It assumes students will have knowledge of Molecular Biology and Genetics through previous study of MBLG1001 and MBLG2771/2871 and concurrent study of MBLG2072/2972. It commences with an introduction to the biotechnology revolution and its impact worldwide. Students are then introduced to how large biomolecules are exploited in drug discovery with discussions of structural diversity in macromolecules, the construction of synthetic peptide and oligonucleotide combinatorial libraries, the uses and screening of such libraries in drug discovery together with examples from industry. This unit proceeds with considerations of the chemical synthesis of pharmaceuticals to specific drug targets. Structure-activity relationships, the use of biomolecules such as proteins versus natural products in drug design, the role of DNA as a drug target, and the importance of metals ions are all discussed together with case studies from industry. Issues associated with pharmaceutical stability and metabolism are then described. The unit concludes with an overview of the commercialization of discoveries in science with consideration given to the role of researchers, university and industry interactions, and regulatory and patent issues. This is followed by an appreciation of the societal impact and ethics of biotechnology, including how the industry and researchers interact with, and inform, the public. Guest lecturers will contribute to these presentations to help students develop an appreciation of emerging areas in molecular biotechnology from a broad perspective.

#### Textbooks

Glick, BR and Pasternak, JJ. *Molecular Biotechnology: Principles and Applications of Recombinant DNA*. 3rd edition. ASM Press. 2003. ISBN 1-55581-224-4 (hardcover) or ISBN 1-55581-269-4 (paperback)

### MOBT3101

#### Molecular Biotechnology 3A

**Credit points:** 6 **Teacher/Coordinator:** Dr Neville Firth **Session:** Semester 1 **Classes:** Three 1-hour lectures and one 1-hour tutorial per week **Prerequisites:** MOBT2102 **Prohibitions:** MOBT2002 **Assumed knowledge:** MBLG (2072 or 2972). **Assessment:** One 2-hour theory exam (70%) and in-semester assessments (30%). Students must pass the theory exam to pass the unit overall.

*Note: NB: This unit of study is only available to students enrolled in the BSc (Molecular Biotechnology) degree.*

This unit of study builds on MOBT2102 and to expand concepts and applications of modern molecular biotechnology. It assumes students have previously been taught molecular biology and genetics through MBLG2072/2972. It commences with the synthesis of commercial products by recombinant microorganisms, including small biological molecules, antibiotics, polymers, nucleic acids and proteins, then leads onto large-scale production of proteins from recombinant microorganisms. Students will be introduced to scaled-up microbial growth and bioreactors, combined with typical large-scale fermentation systems and downstream processing. This will be broadened to an appreciation of yeast and mammalian cells in large-scale production. Examples of major protein-based therapeutics will be examined in detail. The unit introduces students to genome sequencing and technologies, and follows with the impact of proteomics in identifying new drug targets and therapeutics, its interplay with genomics, disease states, quantitative vs. qualitative profiles, and the role of bioinformatics in data and database management. The role of protein structure on function and the engineering of protein structures is briefly described. Agricultural and environmental biotechnology is introduced with a focus on promoting plant growth, the utilisation of starch and cellulose, the application of enzymes in food processing, bioremediation strategies and green manufacturing technologies and the impact heavy metals and pesticides on the environment. Issues facing start-up companies and the commercialisation of discoveries complete the unit.

#### Textbooks

Glick, BR and Pasternak, JJ. *Molecular Biotechnology: Principles and Applications of Recombinant DNA*. 3rd edition. ASM Press. 2003. ISBN 1-55581-224-4 (hardcover) or ISBN 1-55581-269-4 (paperback)

### MOBT3202

#### Molecular Biotechnology 3B Project

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Kevin Downard **Session:** Semester 2 **Classes:** 75 hours industry related project over the semester **Prerequisites:** MOBT2002 or MOBT3101 **Prohibitions:** MOBT3002, MOBT3102 **Assessment:** Presentation, project report and essay

*Note: This unit of study is only available to students enrolled in the BSc (Molecular Biotechnology) degree.*

This Senior unit of study builds on the knowledge gained in earlier units of modern molecular biotechnology. It emphasises applications of molecular biotechnology including product design, research and development, and the importance of recognising industry trends. This will typically involve an industry placement or a detailed industry case study, on-site visits, and interactions with industry partners in association with university staff. To maximize future opportunities, students will learn about funding and research and development. As well as industry-relevant experience, students will research biotechnology kits and technologies.

#### Textbooks

Glick, BR and Pasternak, JJ. *Molecular Biotechnology: Principles and Applications of Recombinant DNA*. 3rd edition. ASM Press. 2003. ISBN 1-55581-224-4 (hardcover) or ISBN 1-55581-269-4 (paperback)

## School of Molecular and Microbial Biosciences

The School brings together the disciplines of Biochemistry, Microbiology, Molecular Biotechnology and Nutrition, with separate study codes BCHM, MICR, MOBT [see Table IE for details of the BSc (Molecular Biotechnology)] and NUTR [see Table IF for details of the BSc (Nutrition)]. Significant contributions are also made to the Intermediate faculty units of study in Molecular Biology and Genetics with study code MBLG [see Table ID for details of the BSc (Molecular Biology and Genetics)] and to the units of study in Molecular Biotechnology [see Table IE for details of the BSc (Molecular Biotechnology)].

### Location of unit descriptions

Unit descriptions are located under separate headings in this chapter: Biochemistry (BCHM); Microbiology (MICR); Molecular Biology and Genetics (MBLG); Molecular Biotechnology (MOBT); Molecular Biology and Genetics; Nutrition (NUTR).

### Location

The School is located in the Biosciences Biochemistry and Microbiology Building (G08), across near City Road in the Darlington area behind the Wentworth Building.

## Nanoscience and Technology

Nanoscience and Technology is an interdisciplinary major offered within the BSc. It is directed at students interested in understanding the emerging science of working and building at and near the molecular level. It incorporates study of the fundamental sciences in order to understand the structure of matter, as well as technological elements of the mechanical properties of materials. Students undertaking this major are strongly encouraged to take suitable units from the Faculty of Engineering in combination with Physics and Chemistry.

### Majoring in Nanoscience and Technology

A student seeking to complete this major should study Physics and Chemistry in their Junior and Intermediate years together with some Engineering and Mathematics. In the Senior year it is possible to focus on two of the three discipline areas, or to continue to study elements of all three. This major may also be seen as a complement to a traditional major in Chemistry or Physics. Refer to Table 1 for an enrolment guide and to entries under the contributing schools and departments for unit descriptions. Engineering units are described in the Engineering Handbook.

## Neuroscience

Neuroscience encompasses a diverse range of disciplines that cross traditional subject boundaries. The study of Neuroscience ranges from anatomy to neuronal function; the cellular and molecular biology of the neuron to the complex phenomena of perception; emotion and memory; from the regulation of breathing and blood pressure to movement; developing to ageing; normal cognition to neurodegeneration.

### Majoring in Neuroscience

A major in Neuroscience is designed to provide a foundation in the basic biology of the brain as well as the fundamentals of cognition. Students are able to focus their cross-disciplinary studies with a molecular, cellular, anatomical and behavioural concentration. Refer to Table I for an enrolment guide and to entries in specific subject areas for Unit of Study descriptions. A cross-disciplinary major requires careful selection of subjects to fulfill the requirements of the major. Research in Neuroscience is vibrant and an international priority area.

### Research in Neuroscience

There are many opportunities for high-achieving students to undertake honours study within the field of Neuroscience. Honours projects are typically undertaken within individual departments: Physiology, Anatomy, Pharmacology, Psychology, Pathology and associated institutes. Students should canvass respective departments during their senior studies for details of projects, admission criteria and enrolment details.

### Neuroscience Coordinator

Dr Karen Cullen (Anatomy) is the coordinator for the Neuroscience major. Email: kcullen@anatomy.usyd.edu.au.

## Nutrition

The Human Nutrition Unit in the School of Molecular and Microbial Biosciences offers units of study to students enrolled in the Bachelor of Science (Nutrition) degree. Please consult degree information in chapter 4 and Table 1F entries. Check the relevant Department/school entries in this chapter for descriptions of other units of study required for this degree.

### NUTR2911

#### Food Science Introductory (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Kim Bell-Anderson **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 2.5 hour practical per week. **Prerequisites:** MBLG(1001 or 1901) and CHEM (1001 or 1101 or 1901 or 1903 or 1108) and CHEM (1002 or 1102 or 1902 or 1904 or 1109) and BIOL (1001 or 1911) and BIOL (1002 or 1003 or 1902 or 1903). For Combined BAppSc (Exercise and Sport Science)/BSc(Nutrition) degree completion of all Junior units in the table of units for this course (CHEM1101, BACH1161, BIOS1159, EXSS1018 CHEM1102, BIOS1133, BIOS1160, EXSS1033, MBLG1001) **Prohibitions:** NUTR2901 **Assessment:** One 3-hour exam, one 1-hour theory of practical exam, one assignment and 5 quizzes.

This unit of study aims to give a broad appreciation of foods as commodities, that is, the origin, history, cultural and nutritional importance of the major foods for human use. Further, aspects of food processing and cooking that affect the nutritional quality of these foods will be discussed. Food groups covered include animal foods, seafood, cereals, sugars, fats and oils, dairy products, legumes, nuts, vegetables, fruits, herbs and spices and alcohol.

Topics in food science and technology include the principles of food preservation, aspects of the preparation and processing of cereals, dairy products, fats and oils, sugars and starches and meats. Food legislation is discussed as well as food additives, naturally occurring toxicants in foods, food pollutants, food safety, food hygiene and food microbiology. Practical classes investigate the nutritional and physical composition of food commodities, and demonstrate their behaviour and functional properties during normal culinary processes.

#### Textbooks

Charley H & Weaver C, *Foods: A Scientific Approach* 3rd Edition, Prentice Hall Inc. 1998.

English R & Lewis J. *Nutritional values of Australian Foods*. AGPS. Mann, J & Truswell, AS. *Essentials of Human Nutrition*. 3rd edition. Oxford University Press. 2007.

### NUTR2912

#### Nutritional Science Introductory (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Kim Bell-Anderson **Session:** Semester 2 **Classes:** Three 1-hour lectures and one 2.5-hour practical per week. **Prerequisites:** MBLG(1001 or 1901) and CHEM (1001 or 1101 or 1901 or 1903 or 1108) and CHEM (1002 or 1102 or 1902 or 1904 or 1109) and BIOL (1001 or 1911) and BIOL (1002 or 1003 or 1902 or 1903). For Combined BAppSc (Exercise and Sport Science)/BSc(Nutrition) degree completion of all Junior units in the table of units for this course (CHEM1101, BACH1166, BACH1168, EXSS1018 CHEM1102, BIOS1169, BIOS1170, MBLG1001). **Prohibitions:** NUTR2902 **Assumed knowledge:** NUTR2911 **Assessment:** One 3-hour exam, one 1-hour theory of practical exam, one assignment.

Information about the major nutrients, vitamins, the major and trace elements is presented with respect to food sources, consumption patterns, requirements for health, absorption, metabolism, nutritional/disease significance, deficiency states and the consequences of excess intakes.

Practical classes cover aspects of food analysis of the student's own diet. The practicals are designed to give students hands-on experience in the determination of major and minor nutrients in foods using procedures and instrumentation used in food research and analytical laboratories. The data obtained in the laboratory will be compared with that obtained with reference to published data in food composition tables. Students will gain an appreciation of the limitations of both methods of data collection and will become competent in the use and interpretation of food composition software packages.

#### Textbooks

Proudlove, RK. *The Science and Technology of Foods*. Forbes. 1985.  
English, R and Lewis, J. *Nutritional values of Australian Foods*. AGPS.  
Mann, J and Truswell, AS. *Essentials of Human Nutrition*. 3rd edition. Oxford University Press. 2007.

### NUTR3911

#### Nutritional Assessment Methods

**Credit points:** 6 **Teacher/Coordinator:** Ms Katherine Jukic, Dr Janelle Gifford **Session:** Semester 1 **Classes:** 4 hours of lectures/ tutorials/ labs/ workshops per week **Prerequisites:** NUTR2911 and NUTR2912 **Prohibitions:** NUTR3901 **Assessment:** One 1-hour exam, 3-4 assignments and in-class quizzes

This unit of study covers Dietary Assessment Methods: purposes of dietary assessment; uses of dietary data; classic dietary assessment methods and their use, application, strengths, weaknesses, sources of measurement error; quantifying portion sizes; evaluating dietary assessment for validity and reliability; dietary reference standards; food composition databases; appraising and interpreting dietary assessment methods in published literature.

This unit of study also covers Anthropometry, Body Composition & Nutritional Biochemistry: anthropometric and body composition methods for the assessment of nutritional status; reference standards for assessing body composition; anthropometric measurements; biochemical and haematological indices for nutritional assessment.

#### Textbooks

Gibson, RS. *Principles of Nutritional Assessment*. 2nd edition. Oxford University Press. 2005.  
Webb, K. *Course Manual for Nutritional Assessment Methods*. 2008.

### NUTR3912

#### Community and Public Health Nutrition

**Credit points:** 6 **Teacher/Coordinator:** Ms Katherine Jukic, Ms Sue Amanatidis **Session:** Semester 2 **Classes:** Two 1-hour lectures and one 3-hour workshop/tutorial/presentation, on average, per week **Prerequisites:** NUTR2911 and NUTR2912 **Prohibitions:** NUTR3902 **Assessment:** One 2-hour exam and 1-2 assignments

This unit of study covers topics such as: nutrition through the life cycle from infancy to old age; nutrition in vulnerable groups; and theories of food habits. It helps students gain skills and knowledge in planning, implementing and evaluating nutrition health promotion programs for various population groups. Topics covered include: principles of health promotion, effective nutrition promotion strategies, program evaluation and program planning. This course also looks at current public health

nutrition strategies for promoting health and preventing diet-related diseases.

#### Textbooks

Lawrence, M, Worsley, T. Public Health Nutrition - From Principles to Practice. Allen & Unwin. 2007. ISBN 978 174175 102 47.  
 Hawe, P, Degeling, D, Hall, J. Evaluating Health Promotion: A Health Worker's Guide. McLennan and Petty. 1990. ISBN 086 4330677.  
 Mann, J, Truswell, AS. Essentials of Human Nutrition. 3rd edition. Oxford University Press. 2007.

### NUTR3921

#### Methods in Nutrition Practice

**Credit points:** 6 **Teacher/Coordinator:** Ms Katherine Jukic, A/Prof Margaret Allman-Farinelli **Session:** Semester 1 **Classes:** One 2-hour lecture and one 3-hour tutorial/lab/workshop on average per week **Prerequisites:** NUTR2911 and NUTR2912 **Prohibitions:** NUTR3901 **Assessment:** One 2.5-hour exam and 2 assignments

This unit of study covers basic concepts in: Survey & Questionnaire Design (data collection methods, designing surveys and research protocols, designing and piloting short questionnaires, focus groups); Nutritional Epidemiology (hypothesis, study designs, epidemiological measures and methods, sources of bias, critical appraisal of published data/literature); Statistics (statistical methods, statistical packages, statistics terminology).

#### Textbooks

Bonita, R, Beaglehole, R, Kjellstrom, T. Basic Epidemiology. 2nd edition. World Health Organisation. 2005. ISBN 924154465.  
 Lawrence, M, Worsley, T. Public Health Nutrition - From Principles to Practice. Alkfen and Unwin. 2007. ISBN 9781741751024

### NUTR3922

#### Nutrition and Chronic Disease

**Credit points:** 6 **Teacher/Coordinator:** Ms Katherine Jukic, A/Prof Margaret Allman-Farinelli **Session:** Semester 2 **Classes:** Two 1-hour lectures and one 3-hour workshop/tutorial per week **Prerequisites:** NUTR2911 and NUTR2912 **Prohibitions:** NUTR3902 **Assessment:** One 2.5-hour exam, one to two assignments

This unit of study examines the relationship and evidence for the role of nutrition in the etiology of chronic diseases, such as cancer, coronary heart disease, hypertension, obesity, dental caries and osteoporosis. It also investigates the current nutrition policies and guidelines that are aimed at preventing these diseases at a population level. Students will also get an opportunity to examine the current popular fad diets on the market and to develop communication skills for promoting positive nutrition messages.

#### Textbooks

Mann, J, Truswell, AS. Essentials of Human Nutrition. 3rd edition. Oxford University Press. 2007.

## Nutrition Honours

The coordinators for Nutrition Honours are Ms Beth Rohrlach and Ms Margaret Nicholson. Students who have completed the three year Bachelor (Nutrition) may complete an honours year in either the clinical strand, or by research. Students who want accreditation as a dietitian will need to complete the clinical strand.

### Clinical Strand

Students in this strand enrol in and complete: NUTR4001 Clinical Nutritional Science A and NUTR4002 Clinical Nutritional Science B (Practical Placement). The contact hours per week are a minimum of 24 and during intensive practicals will be 35. With problem based learning it is expected that a student will need to spend minimum of 20 h in self-directed learning. At the completion of this course students will be able to describe the pathophysiology and biochemistry of disease processes where nutrition is an important part of prevention and/or treatment and will be able to construct appropriate treatment regimes and prevention strategies for these diseases using their nutritional science knowledge and be able to apply this to patient care in practice.

### Research Strand

Students in this strand enrol in and complete: NUTR 4101 Nutrition Research A; NUTR 4102 Nutrition Research B; NUTR 4103 Nutrition

Research C; NUTR 4103 Nutrition Research D; Students will be involved in full-time research under the supervision of a staff member within the Human Nutrition Unit or a cognate department. During the year, students will be required to: (i) carry out a supervised research project; (ii) present a written project proposal and present orally a brief literature survey and aims of the project; (iii) write an essay based on the project; and (iv) deliver a seminar on the project. Students will prepare a project proposal, which should outline the aims, significance and background of the project, including an indication of the relationship of the project to the work of others, citing key references (not to be included in the 1000 word limit) where appropriate and a brief outline of methods and techniques to be used.

## Pharmacology

This Department offers a general training in Pharmacology to students in the Faculty of Science. It provides three intermediate 6-credit point units of study and eight senior 6-credit point units of study.

### PCOL2011

#### Pharmacology Fundamentals

**Credit points:** 6 **Teacher/Coordinator:** Dr Brett McParland **Session:** Semester 1 **Classes:** Two 1 hour lectures per week; workshops and laboratory sessions. **Prerequisites:** (6 credit points of Junior Chemistry) and (6 credit points of Junior Biology or MBLG (1001 or 1901)). **Prohibitions:** PCOL2001 **Assessment:** One 2 hour exam, in semester quizzes and reports.

This unit of study examines four basic areas in Pharmacology: (1) principles of drug action (2) pharmacokinetics and drug metabolism (3) autonomic and endocrine pharmacology, and (4) drug design. The delivery of material involves lectures, practicals, computer-aided learning and problem-based workshops. Practical classes provide students with the opportunity of acquiring technical experience and teamwork skills. Problem-based workshops are based on real-life scenarios of drug use in the community. These workshops require students to integrate information obtained in lectures in order to provide solutions to the problems. Online quizzes accompany each module for self assessment.

#### Textbooks

Rang HP, Dale MM, Ritter JM & Flower RJ. Pharmacology. 6th ed. Churchill Livingstone. 2007.

### PCOL2012

#### Pharmacology: Drugs and People

**Credit points:** 6 **Teacher/Coordinator:** Dr Jonathan Arnold **Session:** Semester 2 **Classes:** Two 1 hour lectures per week; workshops and laboratory sessions. **Prerequisites:** (6 credit points of Junior Chemistry) and (6 credit points of Junior Biology or MBLG (1001 or 1901)). **Prohibitions:** PCOL2002, PCOL2003 **Assumed knowledge:** PCOL2011 **Assessment:** One 2 hour exam, in semester quizzes, reports.

This unit of study examines four important areas of Pharmacology: (1) drug action in the nervous system (2) drug discovery and development (3) pharmacotherapy of inflammation, allergy and gut disorders, and (4) drugs of recreation, dependence and addiction. The delivery of material involves lectures, practicals, computer-aided learning and problem-based workshops. Practical classes provide students with the opportunity of acquiring technical experience and teamwork. Problem-based workshops are based on real-life scenarios of drug use in the community. These workshops require students to integrate information obtained in lectures in order to provide solutions to the problems. Online quizzes accompany each module.

#### Textbooks

Rang HP, Dale MM, Ritter JM & Flower RJ. Pharmacology. 6th ed. Churchill Livingstone, 2007.

### PCOL2555

#### Essentials of Pharmacology

**Credit points:** 6 **Session:** Summer Main **Classes:** On-line lectures and face-to-face tutorial and laboratory classes. **Prohibitions:** PCOL2011, PCOL2012 **Assumed knowledge:** 6cp of Junior Biology, 6 cp of junior Chemistry. **Assessment:** on-line quizzes and a final examination

This unit of study introduces students to the principles of drug action and allows them to develop an understanding of the therapeutic



applications of drugs based on their underlying pharmacodynamic properties. It covers cardiovascular and renal drugs, chemotherapy, analgesics and anti-inflammatory agents, respiratory and gastro-intestinal drugs, drugs affecting peripheral and central neurotransmission and the principles of chemotherapy.

### PCOL3011

#### Toxicology

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical per week. **Prerequisites:** PCOL2001 or PCOL2011 and PCOL2012 or 42 credit points from Intermediate BMED units of study. **Prohibitions:** PCOL3001, PCOL3901, PCOL3911 **Assessment:** One 2 hour exam, tutorial presentations, assignments.

This unit of study is designed to introduce students with a basic understanding of pharmacology to the discipline of toxicology. It considers the toxicology associated with therapeutic drugs (adverse drug reactions) and the associated issue of drug interactions. The pharmacogenetic basis of adverse reactions is also considered. The unit also considers aspects of environmental toxicology, particularly toxic reactions to environmental agents such as asbestos and pesticides, and its effects on different target organs (lung, liver, CNS). As a final consequence of exposure to toxins, the biology and causes of cancer as well as treatments for cancer are discussed. As part of the unit students are introduced to basic ideas about the collection and analysis of data from human and animal populations, both in the structured situation of clinical trials and in analysis of retrospective data.

#### Textbooks

Klaasen, Curtis D and Watkins, JB. Casarett and Doull's Essentials of Toxicology. 1st edition. McGraw Hill. 2003.

### PCOL3911

#### Toxicology (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical per week. **Prerequisites:** Distinction average in PCOL2011 and PCOL2012 or Distinction average in 42 credit points from Intermediate BMED units of study. **Prohibitions:** PCOL3001, PCOL3901, PCOL3011 **Assessment:** One 2 hour exam, tutorial presentations, assignments.

This unit will consist of the lecture and practical components of PCOL3011. Students will be set special advanced assignments related to the material covered in core areas. These may also involve advanced practical work or detailed investigation of a theoretical problem.

#### Textbooks

Klaasen, Curtis D and Watkins, J B. Casarett and Doull's Essentials of Toxicology. 1st edition. McGraw Hill. 2003.

### PCOL3012

#### Drug Design and Development

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical per week. **Prerequisites:** PCOL2001 or PCOL2011 and PCOL2012 or 42 credit points from Intermediate BMED units of study. **Prohibitions:** PCOL3001, PCOL3901, PCOL3912 **Assessment:** One 2 hour exam, in class quizzes, assignments.

This unit of study is designed to introduce students with a basic understanding of pharmacology to the field of medicinal chemistry associated with drug design and development. The course covers the fundamental aspects of drug discovery and development with reference to the essentials of chemistry and illustrates drug development with examples that include neuraminidase inhibitors and statins. The role of computers in drug design is emphasised by classwork and assignments on molecular modelling and structure-activity relationships. The course also extends to a section on the design of diverse pharmacological agents which include compounds for imaging by positron emission tomography (PET), as well as chemical and biological warfare agents, and riot control agents.

#### Textbooks

Patrick, Graham L. An Introduction to Medicinal Chemistry. 4th edition. Oxford University Press. 2009.

### PCOL3912

#### Drug Design and Development (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical per week. **Prerequisites:** Distinction average in PCOL2011 and PCOL2012 or Distinction average in 42 credit points from Intermediate BMED units of study. **Prohibitions:** PCOL3001, PCOL3901, PCOL3012 **Assessment:** One 2 hour exam, in class quizzes, assignments.

This unit will consist of the lecture and practical components of PCOL3012. Students will be set special advanced assignments related to the material covered in core areas. These may also involve advanced practical work or detailed investigation of a theoretical problem.

#### Textbooks

Patrick, Graham L. An Introduction to Medicinal Chemistry. 4th edition. Oxford University Press. 2009.

### PCOL3021

#### Drug Therapy

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures per week, four 1 hour tutorials, two 4 hour practical/computer laboratories, elective project (equivalent to three 4 hour practicals). **Prerequisites:** PCOL2011 and PCOL2012 or 36 credit points from intermediate BMED units of study. **Prohibitions:** PCOL3002, PCOL3902, PCOL3921 **Assessment:** One 2 hour exam, tutorial and practical assignments and elective project.

This unit of study builds on pharmacological knowledge acquired in the intermediate PCOL and BMED units of study with a major emphasis on gaining an understanding of the scientific basis of drug therapy. Lecture topics, tutorials and laboratory sessions cover drug treatment of arthritis and asthma, cardiovascular disorders, microbial infections and cancer. Elective projects relate to current research areas in Pharmacology.

#### Textbooks

Rang, HP. Dale, MM. Ritter, JM and Flower, RJ: Pharmacology, 6th ed. Churchill Livingstone, 2007.

### PCOL3921

#### Drug Therapy (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures per week, four 1 hour tutorials, two 4 hour practical/computer laboratories, elective project (equivalent to three 4 hour practicals). **Prerequisites:** Distinction average in PCOL2011 and PCOL2012 or in 36 credit points from intermediate BMED units of study. **Prohibitions:** PCOL3002, PCOL3902, PCOL3021 **Assessment:** One 2 hour exam, tutorial and practical assignments and elective project.

Advanced students complete the same core lecture material as students in PCOL3021 but carry out advanced level elective projects, practicals and tutorials.

#### Textbooks

Rang, HP. Dale, MM. Ritter, JM and Flower, RJ: Pharmacology, 6th ed. Churchill Livingstone, 2007.

### PCOL3022

#### Neuropharmacology

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures per week, four 1 hour tutorials, two 3 hour practicals, one 2 hour practical workshop, elective project (equivalent to three 4 hour practicals). **Prerequisites:** PCOL2011 and PCOL2012 or 36 credit points from intermediate BMED units of study. **Prohibitions:** PCOL3002, PCOL3902, PCOL3922 **Assessment:** One 2 hour exam, tutorial and practical assignments and elective project.

This unit of study builds on pharmacological knowledge acquired in the intermediate PCOL and BMED units of study with a major emphasis on gaining an understanding of neuro-pharmacology. The neuropharmacology of the major neurotransmitters is explored together with the treatment of disorders such as Alzheimer's disease, depression, epilepsy, insomnia, pain and schizophrenia. Elective projects relate to current research areas in Pharmacology.

#### Textbooks

Rang, HP. Dale, MM. Ritter, JM and Flower, RJ: Pharmacology, 6th ed. Churchill Livingstone, 2007.

### PCOL3922

#### Neuropharmacology (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 3 hour tutorial/practical per week. **Prerequisites:** PCOL2011 and PCOL2012

## 6. Science units of study

or 36 credit points from intermediate BMED units of study. **Prohibitions:** PCOL3002, PCOL3902, PCOL3022 **Assessment:** One 2 hour exam, tutorial and practical assignments and elective project.

Advanced students complete the same core lecture material as students in PCOL3022 but carry out advanced level elective projects, practicals and tutorials.

### Textbooks

Rang, HP, Dale, MM, Ritter, JM and Flower, RJ: Pharmacology, 6th ed. Churchill Living-stone, 2007.

## Pharmacology Honours

Subject to meeting the Faculty of Science entry criteria for Honours, a student may apply to conduct a research project in the Pharmacology Honours programme. Interested students are advised to contact the Honours Co-ordinator and potential supervisors listed in their area(s) of interest. Written assessments include a research proposal, literature review and 50-page thesis based on the research topic. The students will also be required to give an introductory talk and a final talk about the progress of the project.

## Physics

The School of Physics provides undergraduate units of study in Physics at Junior, Intermediate, Senior and Honours levels. Appropriate unit of study choices are available for candidates who wish to major in Physics, to proceed to Honours in Physics, or to combine Physics with a major in another subject area. Several other Faculties and Departments within the Faculty of Science require that Junior Physics be taken as part of the students' preparation for later studies in their more specialised fields. Similarly, Intermediate Physics units of study are taken by many Faculty of Engineering students, as well as by many Faculty of Science students who intend to major in other subjects. The School of Physics also provides units of study in Computational Science at Junior and Senior levels. For details see the Computational Science entry.

### Location

Physics Junior units of study: lectures in Physics Building, laboratories in Carslaw Building. Physics Intermediate, Senior and Honours units of study: Physics Building.

### Information

On the School of Physics website: [www.physics.usyd.edu.au](http://www.physics.usyd.edu.au) and on noticeboards outside the Physics Student Support Office (Room 202, ground floor, Physics Building).

### Registration

Junior units of study: In assigned laboratory sessions during the second week of each semester. Intermediate units of study: At first laboratory, in Room 320/321 in the Physics Building. Senior units of study: At first lecture, in the Physics Building.

### Advice on units of study

A member of the Physics staff is normally present among Faculty advisers during enrolment week to advise students. The Physics Student Support Office, Room 202, Physics Building, will arrange for students to meet advisers at other times. Further information about the School of Physics and its teaching program are available at [www.physics.usyd.edu.au](http://www.physics.usyd.edu.au) and on unit of study eLearning sites.

## Physics junior units of study

### Coordinator

Doctor Joe Khachan

### Units of Study

There are seven different semester length units of study offered at the Junior level. Completion of one unit of study in each semester provides a solid foundation for further studies in Physics in higher years. PHYS1500 Astronomy cannot be counted towards the 12 credit points of Junior Physics needed as a prerequisite for Intermediate Physics. Each unit of study has a laboratory component. The first

semester laboratory work provides an introduction to experimental techniques while reinforcing concepts of physics introduced in lectures. In second semester the laboratory work provides an introduction to electrical circuits and offers students the opportunity to design and undertake short experimental projects.

### First semester

PHYS1001 (Regular); PHYS1002 (Fundamentals); PHYS1901 (Advanced)

### Second semester

PHYS1003 (Technological); PHYS1004 (Environmental and Life Sciences); PHYS1902 (Advanced); PHYS1500 (Astronomy)

### Information Booklet

Further information about Junior Physics units of study is contained in a booklet for intending commencing students available at enrolment or during O-Week or from the Physics Student Support Office (Room 202, ground floor, Physics Building (A28)). It is also available on the School of Physics website at [www.physics.usyd.edu.au](http://www.physics.usyd.edu.au)

### Progression to Intermediate Physics

Students intending to continue into Intermediate Physics are encouraged to take PHYS1003 or PHYS1902 in semester 2. Students taking PHYS1004 may continue into Intermediate Physics but are recommended to undertake supplementary reading as additional preparation.

### PHYS1001

#### Physics 1 (Regular)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1 hour lectures, one 3 hour laboratory per week for 9 weeks and one 1 hour tutorial per week. **Corequisites:** Recommended concurrent Units of Study: MATH (1001/1901, 1002/1902) **Prohibitions:** PHYS1002, PHYS1901 **Assumed knowledge:** HSC Physics **Assessment:** 3 hour exam plus laboratories, assignments and mid-semester tests

This unit of study is for students who gained 65 marks or better in HSC Physics or equivalent. The lecture series contains three modules on the topics of mechanics, thermal physics, and oscillations and waves.

### Textbooks

Young & Freedman. University Physics. 12th edition, with Mastering Physics, Addison-Wesley. 2008  
Course lab manual.

### PHYS1002

#### Physics 1 (Fundamentals)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1-hour lectures, one 3-hour laboratory per week for 10 weeks and one 1-hour tutorial per week. **Corequisites:** Recommended concurrent Units of Study: MATH (1003/1903, 1002/1902) **Prohibitions:** PHYS1001, PHYS1901 **Assumed knowledge:** No assumed knowledge of Physics **Assessment:** 3 hour exam plus laboratories, assignments and mid-semester tests

This unit of study is designed for students who have not studied Physics previously or scored below 65 in HSC Physics. The lecture series contains modules on the language of physics, mechanics, and oscillations and waves.

### Textbooks

College Physics: A Strategic Approach by Knight, Jones and Field, 1st edition with Mastering Physics. Addison-Wesley. 2008.  
Course lab manual.

### PHYS1003

#### Physics 1 (Technological)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1-hour lectures, one 3-hour laboratory per week for 10 weeks, one 1-hour tutorial per week. **Corequisites:** Recommended concurrent Units of Study: MATH (1003/1903), MATH (1005/1905). **Prohibitions:** PHYS1004, PHYS1902 **Assumed knowledge:** HSC Physics or PHYS (1001 or 1002 or 1901) or equivalent. **Assessment:** 3 hour exam plus laboratories, tutorials, and assignments

*Note: It is recommended that PHYS (1001 or 1002 or 1901) be completed before this unit*

This unit of study is designed for students majoring in physical and engineering sciences and emphasis is placed on applications of physical principles to the technological world. The lecture series contains modules on the topics of fluids, electromagnetism, and quantum physics.

#### Textbooks

Young & Freedman. University Physics. 12th edition, with Mastering Physics. Addison-Wesley. 2008  
Course lab manual.

### PHYS1004

#### Physics 1 (Environmental & Life Science)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1-hour lectures, one 3-hour laboratory per week for 10 weeks and one 1-hour tutorial per week. **Corequisites:** Recommended concurrent Units of Study: MATH (1003/1903), MATH (1005/1905). **Prohibitions:** PHYS1003, PHYS1902 **Assumed knowledge:** HSC Physics or PHYS (1001 or 1002 or 1901) or equivalent. **Assessment:** 3-hour exam plus laboratories and assignments

*Note: It is recommended that PHYS (1001 or 1002 or 1901) be completed before this unit*

This unit of study has been designed specifically for students interested in further study in environmental and life sciences. The lecture series contains modules on the topics of properties of matter, electromagnetism, and radiation and its interactions with matter.

#### Textbooks

College Physics: A Strategic Approach by Knight, Jones and Field, 1st edition, with Mastering Physics. Addison-Wesley. 2008.  
Course lab manual.

### PHYS1500

#### Astronomy

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1 hour lectures, one 2 hour laboratory and one 1 hour tutorial per week. **Assumed knowledge:** No assumed knowledge of Physics. **Assessment:** 2 hour exam plus laboratories, assignments and night-viewing project

This unit of study provides a broad understanding of the structure, scale and diversity of the universe and an appreciation of the scientific methods used to achieve this understanding. Current areas of investigation, new ideas and concepts which often receive wide media attention will be used to demonstrate how science attempts to understand new and remote phenomena and how our ideas of our place in the universe are changing. The range of topics includes the planets, the solar system and its origin, spacecraft discoveries, stars, supernova, black holes, galaxies, quasars, cosmology and the Big Bang. It also includes day and night sky observing sessions. This unit of study cannot be counted as part of the 12 credit points of Junior Physics necessary for enrolment in Intermediate Physics.

#### Textbooks

Bennett, JO et al. The Cosmic Perspective. 5th edition, with Mastering Astronomy. Addison-Wesley. 2008.  
Course lab manual.

### PHYS1901

#### Physics 1A (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Three 1-hour lectures, one 3-hour laboratory per week for 9 weeks and one 1-hour tutorial per week. **Prerequisites:** UAI (or ATAR equivalent) of at least 96, or HSC Physics result in Band 6, or PHYS1902, or Distinction or better in PHYS (1003 or 1004) or an equivalent unit. **Corequisites:** Recommended concurrent Units of Study: MATH (1001/1901, 1002/1902). **Prohibitions:** PHYS1001, PHYS1002 **Assessment:** 3-hour exam plus laboratories, assignments and mid-semester tests

This unit of study is intended for students who have a strong background in Physics and an interest in studying more advanced topics. It proceeds faster than Physics 1 (Regular), covering further and more difficult material. The lecture series contains modules on the topics of mechanics, thermal physics, oscillations and waves and chaos. The laboratory work also provides an introduction to computational physics using chaos theory as the topic of study.

#### Textbooks

Young and Freedman. University Physics, 12th edition, with Mastering Physics. Addison-Wesley. 2008.  
Course lab manual.

### PHYS1902

#### Physics 1B (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1-hour lectures, one 3-hour laboratory per week for 10 weeks and one 1-hour tutorial per week. **Prerequisites:** UAI (or ATAR equivalent) of at least 96, or HSC Physics result in Band 6, or PHYS1901, or Distinction or better in PHYS (1001 or 1002) or an equivalent unit. **Corequisites:** Recommended concurrent unit of study: MATH (1003/1903), MATH (1005/1905). **Prohibitions:** PHYS1003, PHYS1004 **Assessment:** 3-hour exam plus laboratories, and assignments

*Note: It is recommended that PHYS (1001 or 1002 or 1901) be completed before this unit*

This unit of study is a continuation of the more advanced treatment of Physics 1A (Advanced). Students who have completed PHYS1001 or PHYS1002 at Distinction level may enrol. It proceeds faster than Physics 1 (Technological), covering further and more difficult material. The lecture series contains modules on the topics of fluids, electricity and magnetism, and quantum physics.

#### Textbooks

Young & Freedman. University Physics, 12th edition, with Mastering Physics. Addison-Wesley. 2008.  
Course lab manual.

## Physics intermediate units of study

### Coordinator

Associate Professor Manjula Sharma

### Units of Study

There are three units at the Normal level and three at the Advanced level: PHYS2011/2911 Physics 2A (Normal/Advanced) - Semester 1; PHYS2012/2912 Physics 2B (Normal/Advanced) - Semester 2; PHYS2013/2913 Astrophysics and Relativity (Normal/Advanced) - Semester 2. The Advanced versions can be taken by students who have achieved a Credit or better in their previous Physics units.

### Progression to senior Physics

The prerequisites for Senior Physics units are PHYS2011/2911 and PHYS2012/2912. Students intending to major in Physics are strongly encouraged to take PHYS2013/2913 as well. Full details of Intermediate Physics unit of study structures, content and assessment policies are provided in the unit of study handbooks available at the start of semester on the School of Physics website at [www.physics.usyd.edu.au](http://www.physics.usyd.edu.au) and also on unit of study eLearning sites.

### PHYS2011

#### Physics 2A

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1-hour lectures per week for 11 weeks; one 2-hour computational laboratory and one 3-hour experimental laboratory per week for 9 weeks. **Prerequisites:** 12 credit points of Junior Physics (excluding PHYS1500) **Prohibitions:** PHYS2001, 2901, PHYS2911, PHYS2213, PHYS2203 **Assumed knowledge:** MATH (1001/1901 and 1002/1902 and 1003/1903). MATH (1005/1905) would also be useful **Assessment:** One 2-hour exam, one 1-hour computational test, practical work, practical report and oral presentation

In combination with two semesters of Junior Physics, this unit of study continues a first pass through the major branches of classical and modern physics, providing students with a sound basis for later Physics units or for studies in other areas of science or technology. Hence, this unit suits students continuing with the study of Physics at the Intermediate level, and those wishing to round out their knowledge of physics before continuing in other fields.

The major topics in this unit of study are:

Optics: The wave nature of light, and its interactions with matter. Applications including spectroscopy and fibre optics.

Nuclear Physics: The fundamental structure of matter.

Computational Physics: In a PC-based computing laboratory students use simulation software to conduct virtual experiments in optics, which illustrate and extend the relevant lectures. Students also gain experience in the use of computers to solve problems in physics. An introductory session is held at the beginning of semester for students who are not familiar with programming.

Practical: Experimental Physics is taught as a laboratory module and includes experiments in the areas of optics, nuclear decay and particles, properties of matter, and other topics. Assessment is based on mastery of each attempted experiment. At the end of the semester students prepare a short report on one experiment and make an oral presentation on it.

*Textbooks*

Young and Freedman, University Physics, 12th edition. Addison-Wesley. 2008. Course lab manual.

### PHYS2012 Physics 2B

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1-hour lectures per week; one 2-hour computational laboratory per week for 11 weeks. **Prerequisites:** PHYS (1003 or 1004 or 1902) and PHYS (1001 or 1002 or 1901 or 2011 or 2911) **Prohibitions:** PHYS2102, PHYS2104, PHYS2902, PHYS2002, PHYS2912, PHYS2213, PHYS2203 **Assumed knowledge:** MATH (1001/1901 and 1002/1902 and 1003/1903). MATH (1005/1905) would also be useful **Assessment:** One 3-hour exam, one 1-hour computational test

This unit of study is designed for students continuing with the study of Physics at the general Intermediate level, and represents the beginning of a more in-depth study of the main topics of classical and modern physics. The lecture topics are:

Quantum physics: The behaviour of matter and radiation at the microscopic level, modelled by the Schroedinger equation. Application to 1-dimensional systems including solid state physics.

Electromagnetic properties of matter: Electric and magnetic effects in materials; the combination of electric and magnetic fields to produce light and other electromagnetic waves; the effects of matter on electromagnetic waves.

Computational Physics: The computational physics component is similar to that of PHYS2011, except that the material illustrates topics in the quantum physics module.

*Textbooks*

Serway, Moses and Moyer. Modern Physics. 3rd edition. Brooks/Cole. 2005. Course lab manual.

### PHYS2013 Astrophysics and Relativity

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1-hour lectures per week for 11 weeks and one 3-hour experimental laboratory per week for 12 weeks. **Prerequisites:** PHYS (1003 or 1004 or 1902) and PHYS (1001 or 1002 or 1901 or 2011 or 2911) **Corequisites:** PHYS (2012 or 2912) **Prohibitions:** PHYS2001, PHYS2901, PHYS2913, PHYS2101, PHYS2103 **Assumed knowledge:** MATH (1001/1901 and 1002/1902 and 1003/1903). MATH 1005/1905 would also be useful **Assessment:** One 2-hour exam, practical work, practical report and oral presentation

This unit of study builds on the foundation provided by Junior Physics and first semester of Intermediate Physics, to provide an introduction to Astrophysics (Structure and evolution of stars), and Special Relativity (Space and time at high velocities).

Practical: Experimental Physics is taught as a laboratory module and includes experiments in the areas of analysis of stellar images, electromagnetic phenomena, electronic instrumentation, quantum physics, and other topics. Assessment is based on mastery of each attempted experiment. At the end of the semester students may work in teams on a project. Students prepare a written report and oral presentation on their project or one experiment.

*Textbooks*

Young and Freedman. University Physics. 12th edition. Addison-Wesley. 2008. Course lab manual.

### PHYS2911 Physics 2A (Advanced)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Two 1-hour lectures per week for 11 weeks; one 2-hour computational laboratory and one 3-hour experimental laboratory per week for 9 weeks. **Prerequisites:** Credit or better in PHYS (1901 or 1001 or 1002) and Credit or better in PHYS (1902 or 1003 or 1004). **Prohibitions:** PHYS2901, PHYS2001, PHYS2011, PHYS2101, PHYS2103, PHYS2213, PHYS2203 **Assumed knowledge:** MATH (1901/1001 and 1902/1002 and 1903/1003). MATH (1905/1005) would also be useful **Assessment:** One 2-hour exam, one 1-hour computational test, practical work, practical report and oral presentation

This unit of study is designed for students with a strong interest in Physics. The lecture topics are as for PHYS2011. They are treated in greater depth and with more rigorous attention to derivations than in PHYS2011. The assessment reflects the more challenging nature of the material presented.

Computational Physics: As for PHYS2011, but at a more advanced level.

Practical: As for PHYS2011.

*Textbooks*

Young and Freedman. University Physics. 12th edition. Addison-Wesley. 2008. Course lab manual.

### PHYS2912 Physics 2B (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Three 1-hour lectures per week, one-2 hour computational laboratory per week for 11 weeks. **Prerequisites:** Credit or better in PHYS (1003 or 1004 or 1902) and Credit or better in PHYS (1001 or 1002 or 1901 or 2001 or 2901 or 2011 or 2911). **Prohibitions:** PHYS2102, PHYS2104, PHYS2902, PHYS2002, PHYS2012, PHYS2213, PHYS2203 **Assumed knowledge:** MATH (1001/1901 and 1002/1902 and 1003/1903). MATH 1005/1905 would also be useful **Assessment:** One 3-hour exam, one 1-hour computational test

Refer to PHYS2911 for an overall description of the Advanced Intermediate Physics program. The lecture topics are as for PHYS2012 with some advanced content. Computational Physics: As for PHYS2012, but at a more advanced level.

*Textbooks*

Serway, Moses and Moyer. Modern Physics. 3rd edition. Brooks/Cole. 2005. Course lab manual.

### PHYS2913 Astrophysics and Relativity (Advanced)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Two 1-hour lectures per week for 11 weeks; one 3-hour experimental laboratory per week for 12 weeks. **Prerequisites:** Credit or better in PHYS (1003 or 1004 or 1902) and Credit or better in PHYS (1001 or 1002 or 1901 or 2011 or 2911) **Corequisites:** PHYS (2912 or 2012). **Prohibitions:** PHYS2001, PHYS2901, PHYS2013, PHYS2101, PHYS2103 **Assumed knowledge:** MATH (1001/1901 and 1002/1902 and 1003/1903). MATH 1005/1905 would also be useful. **Assessment:** One 3-hour exam, practical work, practical report and oral presentation

The lecture topics are as PHYS2013 with some advanced content. Practical: as for PHYS2013.

*Textbooks*

Young and Freedman, University Physics, 12th edition. Addison-Wesley. 2008. Course lab manual.

## Physics senior units of study

### Coordinator

Professor Tim Bedding

### Majoring in Physics

Students intending to major in Physics, or to proceed to Physics Honours, must take at least 24 credit points of Senior Physics, which must include a Semester 1 Core unit (PHYS3040, 3940 or 3941); a Semester 2 Core unit (PHYS3060, 3960 or 3961); two Options units (usually one in each semester). Further information concerning Senior Physics is available on the School of Physics website at [www.physics.usyd.edu.au](http://www.physics.usyd.edu.au) and also on unit of study eLearning sites.

### Units intended for students not majoring in Physics

### PHYS3015 Topics in Senior Physics A

**Credit points:** 6 **Session:** Semester 1 **Classes:** 40 hours per semester. **Prerequisites:** 12 credit points of Intermediate Physics **Assumed knowledge:** 6 credit points of Intermediate Mathematics **Assessment:** Exams and/or practical reports.

*Note: Department permission required for enrolment.*

This unit is normally restricted to students not majoring in Physics, giving them the flexibility to take a combination of modules that is not offered in the standard units. Please obtain permission from the Senior Physics Coordinator.

**PHYS3915****Topics in Senior Physics A (Advanced)**

**Credit points:** 6 **Session:** Semester 1 **Classes:** 40 hours per semester  
**Prerequisites:** 12 credit points of Intermediate Physics. **Assumed knowledge:** 6 credit points of Intermediate Mathematics **Assessment:** Exams and/or laboratory reports.

*Note: Department permission required for enrolment.*

This unit of study covers the same topics as PHYS3015, with some more challenging material.

**PHYS3025****Topics in Senior Physics B**

**Credit points:** 6 **Session:** Semester 2 **Classes:** 40 hours per semester.  
**Prerequisites:** 12 credit points of Intermediate Physics **Assumed knowledge:** 6 credit points of Intermediate Mathematics **Assessment:** Exams and/or practical reports.

*Note: Department permission required for enrolment.*

This unit is normally restricted to students not majoring in Physics, giving them the flexibility to take a combination of modules that is not offered in the standard units. Please obtain permission from the Senior Physics Coordinator.

**PHYS3925****Topics in Senior Physics B (Advanced)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** 40 hours per semester  
**Prerequisites:** 12 credit points of Intermediate Physics with a Credit average and 6 credit points of Intermediate Mathematics. **Assessment:** Exams and/or laboratory reports.

*Note: Department permission required for enrolment.*

This unit of study covers the same topics as PHYS3025, with some more challenging material.

*Semester 1 core units***PHYS3040****Electromagnetism and Physics Lab**

**Credit points:** 6 **Session:** Semester 1 **Classes:** Nineteen 1 hour lectures and twelve 4 hour practicals. **Prerequisites:** PHYS(2011 or 2911 or 2001 or 2901), PHYS(2012 or 2912 or 2002 or 2902), MATH(2061 or 2961 or 2067) **Prohibitions:** PHYS3940, PHYS3941, PHYS3011, PHYS3014, PHYS3016, PHYS3017, PHYS3911, PHYS3914, PHYS3916, PHYS3917 **Assessment:** One 1.5 hour exam, practical reports and oral presentation

The lectures cover the theory of electromagnetism, one of the cornerstones of classical physics. They introduce Maxwell's equations in their differential form, using the power of vector calculus. The main application will be to electromagnetic waves, including reflection and absorption, which have application in fields such as optics, plasma physics and astrophysics. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

*Textbooks*

Griffiths, DJ. Introduction to Electrodynamics. Third Edition.

**PHYS3940****Electromagnetism and Physics Lab (Adv)**

**Credit points:** 6 **Session:** Semester 1 **Classes:** Nineteen 1 hour lectures and twelve 4 hour practicals. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with a grade of at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with a grade of at least Credit; MATH (2061 or 2961 or 2067) **Prohibitions:** PHYS3040, PHYS3941, PHYS3011, PHYS3014, PHYS3016, PHYS3017, PHYS3911, PHYS3914, PHYS3916, PHYS3917 **Assessment:** One 1.5 hour exam, practical reports and oral presentation

This unit covers the same topics as PHYS3040, but with greater depth and some more challenging material.

*Textbooks*

Griffiths, DJ. Introduction to Electrodynamics. Third Edition.

**PHYS3941****Electromagnetism & Special Project (Adv)**

**Credit points:** 6 **Session:** Semester 1 **Classes:** Nineteen 1 hour lectures, 4 hours per week with a research group. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with

at least Credit; MATH (2061 or 2961 or 2067) **Prohibitions:** PHYS3040, PHYS3940, PHYS3961, PHYS3011, PHYS3911, PHYS3918, PHYS3928

**Assessment:** One 1.5 hour exam, project report and talk

*Note: Department permission required for enrolment. Note: Approval for this unit must be obtained from the School of Physics Senior Coordinator.*

The lectures cover the theory of electromagnetism, one of the cornerstones of classical physics. They introduce Maxwell's equations in their differential form, using the power of vector calculus. The main application will be to electromagnetic waves, including reflection and absorption, which have application in fields such as optics, plasma physics and astrophysics. The project is carried out in a research group within the School of Physics, working on a research experiment or theoretical project supervised by a researcher. The aim is for students to acquire an understanding of the nature of research, to apply their knowledge of physics and scientific practice, and to serve as preparation for a research project at Honours level and beyond.

*Textbooks*

Griffiths, DJ. Introduction to Electrodynamics. Third Edition.

*Semester 1 optional units***PHYS3051****Thermodynamics/Biophysics & Lab**

**Credit points:** 6 **Session:** Semester 1 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) **Prohibitions:** PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3059, PHYS3959 **Assessment:** One 2 hour exam, practical reports

The lectures on Thermodynamics provide an introduction to the subject, emphasising the use of entropy, chemical potential, and free energy. They also introduce statistical mechanics, including the classical Boltzmann distribution and some quantum statistical mechanics. The Biological Physics component will cover applications of physics to biological systems, including topics such as molecular biology, structure and properties of polymers and proteins, thermodynamics of cells, transport of biomolecules, excitation of nerve impulses, and computer simulations of biological systems. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

*Textbooks*

Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

**PHYS3951****Thermodynamics/Biophysics & Lab (Adv)**

**Credit points:** 6 **Session:** Semester 1 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit **Prohibitions:** PHYS3051, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3059, PHYS3959 **Assessment:** One 2 hour exam, practical reports

This unit covers the same topics as PHYS3051, but with greater depth and some more challenging material.

*Textbooks*

Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

**PHYS3052****Nanoscience/Thermodynamics & Lab**

**Credit points:** 6 **Session:** Semester 1 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) **Prohibitions:** PHYS3952, PHYS3050, PHYS3051, PHYS3053, PHYS3056, PHYS3950, PHYS3951, PHYS3953, PHYS3956, PHYS3013, PHYS3021, PHYS3913, PHYS3921, PHYS3057, PHYS3957, PHYS3058, PHYS3958 **Assessment:** One 2 hour exam, practical reports

Nanoscience is the study of the behaviour of light and matter as they interact with structures that have features on nanometre scales. This part of the course will cover the fundamental physics of nanoscience and the methods used for manipulating matter and creating structures on these scales. The lectures on Thermodynamics provide an

introduction to the subject, emphasising the use of entropy, chemical potential, and free energy. They also introduce statistical mechanics, including the classical Boltzmann distribution and some quantum statistical mechanics. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

#### Textbooks

Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley, 2000

### PHYS3952

#### Nanoscience/Thermodynamics & Lab (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit **Prohibitions:** PHYS3052, PHYS3050, PHYS3051, PHYS3053, PHYS3056, PHYS3950, PHYS3951, PHYS3953, PHYS3956, PHYS3013, PHYS3021, PHYS3913, PHYS3921, PHYS3057, PHYS3957, PHYS3058, PHYS3958 **Assessment:** One 2 hour exam, practical reports

This unit covers the same topics as PHYS3052, but with greater depth and some more challenging material.

#### Textbooks

Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley, 2000

### PHYS3054

#### Nanoscience/Plasma Physics & Physics Lab

**Credit points:** 6 **Session:** Semester 1 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) **Prohibitions:** PHYS3954, PHYS3050, PHYS3950, PHYS3052, PHYS3952, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3059, PHYS3959, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978 **Assumed knowledge:** Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 2 hour exam, practical reports

Nanoscience is the study of the behaviour of light and matter as they interact with structures that have features on nanometre scales. This part of the course will cover the fundamental physics of nanoscience and the methods used for manipulating matter and creating structures on these scales. Plasma Physics is the study of ionised gases, which are collections of charged and neutral particles and form the main constituent of the Universe. The lectures cover the properties of plasmas and their applications, including nuclear fusion energy, materials synthesis and modification, environmental remediation, aerospace, nano and biomedical technologies. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

### PHYS3954

#### Nanoscience/Plasma Physics & Lab (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit **Prohibitions:** PHYS3054, PHYS3050, PHYS3950, PHYS3052, PHYS3952, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3059, PHYS3959, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978 **Assumed knowledge:** Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 2 hour exam, practical reports

This unit covers the same topics as PHYS3054, but with greater depth and some more challenging material.

### PHYS3055

#### Nanoscience/Plasma/Thermodynamics

**Credit points:** 6 **Session:** Semester 1 **Classes:** Fifty-seven 1 hour lectures. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) **Prohibitions:** PHYS3955, PHYS3050, PHYS3950, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3059, PHYS3959, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978 **Assumed knowledge:** Electromagnetism

at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 3 hour exam

Nanoscience is the study of the behaviour of light and matter as they interact with structures that have features on nanometre scales. This part of the course will cover the fundamental physics of nanoscience and the methods used for manipulating matter and creating structures on these scales. Plasma Physics is the study of ionised gases, which are collections of charged and neutral particles and form the main constituent of the Universe. The lectures cover the properties of plasmas and their applications, including nuclear fusion energy, materials synthesis and modification, environmental remediation, aerospace, nano and biomedical technologies. The lectures on Thermodynamics provide an introduction to the subject, emphasising the use of entropy, chemical potential, and free energy. They also introduce statistical mechanics, including the classical Boltzmann distribution and some quantum statistical mechanics.

#### Textbooks

Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley, 2000

### PHYS3955

#### Nanoscience/Plasma/Thermodynamics (Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Fifty-seven 1 hour lectures. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit **Prohibitions:** PHYS3055, PHYS3050, PHYS3950, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3059, PHYS3959, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978 **Assumed knowledge:** Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 3 hour exam

This unit covers the same topics as PHYS3055, but with greater depth and some more challenging material.

#### Textbooks

Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley, 2000

### PHYS3057

#### Nanoscience/Thermodynamic/Biophysics

**Credit points:** 6 **Session:** Semester 1 **Classes:** Fifty-seven 1 hour lectures. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) **Prohibitions:** PHYS3957, PHYS3050, PHYS3950, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3059, PHYS3959 **Assessment:** One 3 hour exam

Nanoscience is the study of the behaviour of light and matter as they interact with structures that have features on nanometre scales. This part of the course will cover the fundamental physics of nanoscience and the methods used for manipulating matter and creating structures on these scales. The lectures on Thermodynamics provide an introduction to the subject, emphasising the use of entropy, chemical potential, and free energy. They also introduce statistical mechanics, including the classical Boltzmann distribution and some quantum statistical mechanics. The Biological Physics component will cover applications of physics to biological systems, including topics such as molecular biology, structure and properties of polymers and proteins, thermodynamics of cells, transport of biomolecules, excitation of nerve impulses, and computer simulations of biological systems.

#### Textbooks

Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley, 2000.

### PHYS3957

#### Nanoscience/Thermodynamic/Biophys.(Adv)

**Credit points:** 6 **Session:** Semester 1 **Classes:** Fifty-seven 1 hour lectures. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit **Prohibitions:** PHYS3057, PHYS3050, PHYS3950, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3059, PHYS3959 **Assessment:** One 3 hour exam

This unit covers the same topics as PHYS3057, but with greater depth and some more challenging material.

#### Textbooks

Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley, 2000

**PHYS3059****Plasma/Thermodynamics/Biophysics**

**Credit points:** 6 **Session:** Semester 1 **Classes:** Fifty-seven 1 hour lectures.  
**Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) **Prohibitions:** PHYS3959, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978 **Assumed knowledge:** Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 3 hour exam

Plasma Physics is the study of ionised gases, which are collections of charged and neutral particles and form the main constituent of the Universe. The lectures cover the properties of plasmas and their applications, including nuclear fusion energy, materials synthesis and modification, environmental remediation, aerospace, nano and biomedical technologies. The lectures on Thermodynamics provide an introduction to the subject, emphasising the use of entropy, chemical potential, and free energy. They also introduce statistical mechanics, including the classical Boltzmann distribution and some quantum statistical mechanics. The Biological Physics component will cover applications of physics to biological systems, including topics such as molecular biology, structure and properties of polymers and proteins, thermodynamics of cells, transport of biomolecules, excitation of nerve impulses, and computer simulations of biological systems.

*Textbooks*

Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

**PHYS3959****Plasma/Thermodynamics/Biophysics (Adv)**

**Credit points:** 6 **Session:** Semester 1 **Classes:** Fifty-seven 1 hour lectures.  
**Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit **Prohibitions:** PHYS3059, PHYS3051, PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3070, PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978 **Assumed knowledge:** Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 3 hour exam

This unit covers the same topics as PHYS3059, but with greater depth and some more challenging material.

*Textbooks*

Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

*Semester 2 core units***PHYS3060****Quantum Mechanics & Physics Lab**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Nineteen 1 hour lectures and six 4 hour practicals. **Prerequisites:** PHYS(2011 or 2911 or 2001 or 2901); PHYS(2012 or 2912 or 2002 or 2902); MATH(2061 or 2961 or 2067) **Prohibitions:** PHYS3960, PHYS3961, PHYS3011, PHYS3024, PHYS3026, PHYS3027, PHYS3911, PHYS3924, PHYS3926, PHYS3927 **Assessment:** One 1.5 hour exam, practical reports and oral presentation

The lectures cover the fundamental concepts and formalism of quantum dynamics, and the application to angular momentum and symmetry in quantum mechanics. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

*Textbooks*

Eisberg, R and Resnick, R. Quantum Physics of Atoms, Molecules, Solids, Nuclei, and Particles. Second Edition.

**PHYS3960****Quantum Mechanics and Physics Lab (Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Nineteen 1 hour lectures and twelve 4 hour practicals **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; MATH (2061 or 2961 or 2067) **Prohibitions:** PHYS3060, PHYS3961, PHYS3011, PHYS3024, PHYS3026, PHYS3027, PHYS3911, PHYS3924, PHYS3926, PHYS3927 **Assessment:** One 1.5 hour exam, practical reports and oral presentation

This unit covers the same topics as PHYS3060, but with greater depth and some more challenging material.

*Textbooks*

Liboff, RL. Introductory Quantum Mechanics. Fourth Edition.

**PHYS3961****Quantum Mechanics & Special Project(Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Nineteen 1 hour lectures and 4 hours per week with a research group. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; MATH (2061 or 2961 or 2067) **Prohibitions:** PHYS3060, PHYS3960, PHYS3941, PHYS3011, PHYS3911, PHYS3918, PHYS3928 **Assessment:** One 1.5 hour exam, project report and oral presentation

*Note: Department permission required for enrolment. Note: Approval for this unit must be obtained from the School of Physics Senior Coordinator*

The lectures cover the fundamental concepts and formalism of quantum dynamics, and the application to angular momentum and symmetry in quantum mechanics. The project is carried out in a research group within the School of Physics, working on a research experiment or theoretical project supervised by a researcher. The aim is for students to acquire an understanding of the nature of research, to apply their knowledge of physics and scientific practice, and to serve as preparation for a research project at Honours level and beyond.

*Textbooks*

Liboff, RL. Introductory Quantum Mechanics. Fourth Edition.

*Semester 2 optional units***PHYS3062****Quantum/Cond Matter Physics & Lab**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Thirty-eight 1 hour lectures plus six 4 hour practicals **Prerequisites:** PHYS2012 or PHYS2912 **Prohibitions:** PHYS3060, PHYS3960, PHYS3961, PHYS3962, PHYS3068, PHYS3968, PHYS3070, PHYS3970, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981 **Assessment:** one 1.5 hour exam, one 1hour exam, practical reports

This unit of study is intended for students majoring in Nanoscience and Technology. It should not be taken by students majoring in Physics. The lectures on Quantum Mechanics cover the fundamental concepts and formalism of quantum dynamics, and the application to angular momentum and symmetry in quantum mechanics. The lectures on Condensed Matter Physics cover the theoretical underpinning and properties of condensed matter, specifically the physics of solids. Semiconductors are investigated in detail, considering recent discoveries and new developments in nanotechnology and lattice dynamics. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

*Textbooks*

Eisberg, R and Resnick, R. Quantum Physics of Atoms, Molecules, Solids, Nuclei, and Particles. Second Edition.

**PHYS3962****Quantum/Cond Matter Physics & Lab (Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Thirty-eight 1 hour lectures plus six 4 hour practicals **Prerequisites:** PHYS2012 or PHYS2912 with result of credit or better **Prohibitions:** PHYS3060, PHYS3960, PHYS3961, PHYS3062, PHYS3068, PHYS3968, PHYS3070, PHYS3970, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981 **Assessment:** One 1.5 hour exam, one 1 hour exam, practical reports

This unit of study is intended for students majoring in Nanoscience and Technology. It should not be taken by students majoring in Physics. This unit of study covers the same topics as PHYS3062, but with greater depth and some more challenging material.

*Textbooks*

Liboff, RL. Introductory Quantum Mechanics. Fourth Edition.

**PHYS3068****Optics/Cond. Matter and Lab**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902) **Prohibitions:** PHYS3968, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982 **Assumed knowledge:** Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 2 hour exam, practical reports

The lectures on Optics introduce students to modern optics, using the laser to illustrate the applications in studying the properties of matter and many important optical phenomena. The lectures on Condensed Matter Physics cover the theoretical underpinning and properties of condensed matter, specifically the physics of solids. Semiconductors are investigated in detail, considering recent discoveries and new developments in nanotechnology and lattice dynamics. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

**PHYS3968****Optics/Cond. Matter and Lab (Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit **Prohibitions:** PHYS3068, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982 **Assumed knowledge:** Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 2 hour exam, practical reports

This unit covers the same topics as PHYS3068, but with greater depth and some more challenging material.

**PHYS3069****Optics/High Energy Physics & Lab**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) **Prohibitions:** PHYS3969, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3068, PHYS3968, PHYS3071, PHYS3971, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3076, PHYS3976, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982 **Assumed knowledge:** Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 2 hour exam, practical reports

The lectures on Optics introduce students to modern optics, using the laser to illustrate the applications in studying the properties of matter and many important optical phenomena. The lectures on High Energy Physics cover the basic constituents of matter, such as quarks and leptons, examining their fundamental properties and interactions, and their origin at the creation of the universe. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

**PHYS3969****Optics/High Energy Physics & Lab (Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit **Prohibitions:** PHYS3069, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3068, PHYS3968, PHYS3071, PHYS3971, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3076, PHYS3976, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982 **Assumed knowledge:** Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 2 hour exam, practical reports

This unit covers the same topics as PHYS3069, but with greater depth and some more challenging material.

**PHYS3071****High Energy/Astrophysics & Lab**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) **Prohibitions:** PHYS3971, PHYS3069, PHYS3969, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982 **Assessment:** One 2 hour exam, practical reports

The lectures on High Energy Physics cover the basic constituents of matter, such as quarks and leptons, examining their fundamental properties and interactions, and their origin at the creation of the universe. The lectures on Astrophysics explore astrophysical environments inside stars and beyond (e.g. the interstellar medium, the intergalactic medium and galaxies themselves) and focus on one of the most important physical processes in astrophysics: the transport of radiative energy. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

**PHYS3971****High Energy/Astrophysics and Lab (Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit **Prohibitions:** PHYS3071, PHYS3069, PHYS3969, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982 **Assessment:** One 2 hour exam, practical reports

This unit covers the same topics as PHYS3071, but with greater depth and some more challenging material.

**PHYS3074****High Energy/Cond. Matter Physics & Lab**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) **Prohibitions:** PHYS3974, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3073, PHYS3973, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982 **Assumed knowledge:** Quantum Mechanics at Senior Physics level; MATH (2061 or 2961) **Assessment:** One 2 hour exam, practical reports

Plasma Physics is the study of ionized gases, which are collections of charged and neutral particles and form the main constituent of the Universe. The lectures cover the properties of plasmas and their applications, including nuclear fusion energy, materials synthesis and modification, environmental remediation, aerospace, nano- and biomedical technologies. The lectures on High Energy Physics cover the basic constituents of matter, such as quarks and leptons, examining their fundamental properties and interactions, and their origin at the creation of the universe. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

**PHYS3974****High Energy/Cond. Matter Phys.& Lab(Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals. **Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit ; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit **Prohibitions:** PHYS3074, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3073, PHYS3973, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982 **Assumed**



**knowledge:** Quantum Mechanics at Senior Physics level; MATH (2061 or 2961)  
**Assessment:** One 2 hour exam, practical reports

This unit covers the same topics as PHYS3074, but with greater depth and some more challenging material.

### PHYS3079

#### Cond. Matter/High Energy/Astrophysics

**Credit points:** 6 **Session:** Semester 2 **Classes:** Fifty-seven 1 hour lectures  
**Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) **Prohibitions:** PHYS3979, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982  
**Assumed knowledge:** Quantum Mechanics at Senior Physics level; MATH (2061 or 2961) **Assessment:** One 3 hour exam

The lectures on Condensed Matter Physics cover the theoretical underpinning and properties of condensed matter, specifically the physics of solids. Semiconductors are investigated in detail, considering recent discoveries and new developments in nanotechnology and lattice dynamics. The lectures on High Energy Physics cover the basic constituents of matter, such as quarks and leptons, examining their fundamental properties and interactions, and their origin at the creation of the universe. The lectures on Astrophysics explore astrophysical environments inside stars and beyond (e.g. the interstellar medium, the intergalactic medium and galaxies themselves) and focus on one of the most important physical processes in astrophysics: the transport of radiative energy.

### PHYS3979

#### Cond. Matter/High Energy/Astrophys (Adv)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Fifty-seven 1 hour lectures  
**Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit **Prohibitions:** PHYS3079, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3080, PHYS3980, PHYS3081, PHYS3981, PHYS3082, PHYS3982 **Assumed knowledge:** Quantum Mechanics at Senior Physics level; MATH (2061 or 2961)  
**Assessment:** One 3 hour exam

This unit covers the same topics as PHYS3079, but with greater depth and some more challenging material.

### PHYS3080

#### Optics/Cond.Matter/High Energy Physics

**Credit points:** 6 **Session:** Semester 2 **Classes:** Fifty-seven 1 hour lectures  
**Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) **Prohibitions:** PHYS3980, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3081, PHYS3981, PHYS3082, PHYS3982  
**Assumed knowledge:** Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 3 hour exam

The lectures on Optics introduce students to modern optics, using the laser to illustrate the applications in studying the properties of matter and many important optical phenomena. The lectures on Condensed Matter Physics cover the theoretical underpinning and properties of condensed matter, specifically the physics of solids. Semiconductors are investigated in detail, considering recent discoveries and new developments in nanotechnology and lattice dynamics. The lectures on High Energy Physics cover the basic constituents of matter, such as quarks and leptons, examining their fundamental properties and interactions, and their origin at the creation of the universe.

### PHYS3980

#### Optics/Cond.Matter/High Energy Phys(Adv)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Fifty-seven 1 hour lectures  
**Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or

2001 or 2901) with at least Credit **Prohibitions:** PHYS3080, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3081, PHYS3981, PHYS3082, PHYS3982 **Assumed knowledge:** Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 3 hour exam

This unit covers the same topics as PHYS3080, but with greater depth and some more challenging material.

### PHYS3081

#### Optics/Cond. Matter/Astrophysics

**Credit points:** 6 **Session:** Semester 2 **Classes:** Fifty-seven 1 hour lectures  
**Prerequisites:** PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) **Prohibitions:** PHYS3981, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3082, PHYS3982 **Assumed knowledge:** Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067)  
**Assessment:** One 3 hour exam

The lectures on Optics introduce students to modern optics, using the laser to illustrate the applications in studying the properties of matter and many important optical phenomena. The lectures on Condensed Matter Physics cover the theoretical underpinning and properties of condensed matter, specifically the physics of solids. Semiconductors are investigated in detail, considering recent discoveries and new developments in nanotechnology and lattice dynamics. The lectures on Astrophysics explore astrophysical environments inside stars and beyond (e.g. the interstellar medium, the intergalactic medium and galaxies themselves) and focus on one of the most important physical processes in astrophysics: the transport of radiative energy.

### PHYS3981

#### Optics/Cond. Matter/Astrophysics (Adv)

**Credit points:** 6 **Session:** Semester 2 **Classes:** Fifty-seven 1 hour lectures  
**Prerequisites:** PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit **Prohibitions:** PHYS3081, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3062, PHYS3962, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3070, PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3082, PHYS3982  
**Assumed knowledge:** Electromagnetism and Quantum Mechanics at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 3 hour exam

This unit covers the same topics as PHYS3081, but with greater depth and some more challenging material.

### PHYS3082

#### Optics/High Energy/Astrophysics

**Credit points:** 6 **Session:** Semester 2 **Classes:** Fifty-seven 1 hour lectures  
**Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901); PHYS (2012 or 2912 or 2002 or 2902); PHYS (2013 or 2913 or 2001 or 2901) **Prohibitions:** PHYS3982, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981 **Assumed knowledge:** Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067)  
**Assessment:** One 3 hour exam

The lectures on Optics introduce students to modern optics, using the laser to illustrate the applications in studying the properties of matter and many important optical phenomena. The lectures on High Energy Physics cover the basic constituents of matter, such as quarks and leptons, examining their fundamental properties and interactions, and their origin at the creation of the universe. The lectures on Astrophysics explore astrophysical environments inside stars and beyond (e.g. the interstellar medium, the intergalactic medium and galaxies themselves) and focus on one of the most important physical processes in astrophysics: the transport of radiative energy.

**PHYS3982****Optics/High Energy/Astrophysics (Adv)**

**Credit points:** 6 **Session:** Semester 2 **Classes:** Fifty-seven 1 hour lectures  
**Prerequisites:** PHYS (2011 or 2911 or 2001 or 2901) with at least Credit; PHYS (2012 or 2912 or 2002 or 2902) with at least Credit; PHYS (2013 or 2913 or 2001 or 2901) with at least Credit **Prohibitions:** PHYS3082, PHYS3050, PHYS3950, PHYS3053, PHYS3953, PHYS3056, PHYS3956, PHYS3058, PHYS3958, PHYS3068, PHYS3968, PHYS3069, PHYS3969, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3075, PHYS3975, PHYS3076, PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080, PHYS3980, PHYS3081, PHYS3981 **Assumed knowledge:** Electromagnetism at Senior Physics level; MATH (2061 or 2961 or 2067) **Assessment:** One 3 hour exam

This unit covers the same topics as PHYS3082, but with greater depth and some more challenging material.

**Physics Honours****Honours Coordinator**

Dr Stephen Bartlett

**Qualifying**

To be considered for admission to the Honours program, students need 24 credit points of senior Physics units of study or equivalent with a SciWAM as specified in the degree resolutions.

**Classes**

Six lecture courses and a research project

**Assessment**

Coursework examinations, a 40-page Research report and oral presentation of the Research project. Physics Honours comprises formal coursework (weight 50%) and a research project (weight 50%).

**Undertaking an Honours year in Physics**

The Honours program in Physics provides students with an opportunity to undertake an original research project as well as attend advanced lecture courses to give students a broad understanding of modern physics at a high level. All students satisfying the qualifying requirements as set out above and in the Science Faculty Honours section of this handbook are strongly encouraged to apply for entry into Physics Honours. Fulltime enrolment is equivalent to 48 credit points for the year. Students are offered an opportunity to carry out independent research as a member of one of the active research groups in the School of Physics, under the supervision of a member of staff. Students may also study with staff from complementary disciplines, subject to the approval of the Honours coordinator. Honours students join a research group in the School of Physics and are encouraged to participate with staff and research students in activities within the School. They are provided with office accommodation, and are expected to attend colloquia and seminars. They may be employed for several hours per week in Junior teaching. Further information is available from the Physics Student Support Office, the Honours coordinator or from the website [www.physics.usyd.edu.au/current/hons.shtml](http://www.physics.usyd.edu.au/current/hons.shtml).

**Physiology**

The Department of Physiology provides introductory general Intermediate units of study and for those wishing to major in the subject, in-depth Senior units of study. For Senior units the February semester offers Neuroscience and Human Cellular Physiology, and the July semester offers Heart and Circulation as well as further study in Neuroscience.

**PHSI2005****Integrated Physiology A**

**Credit points:** 6 **Teacher/Coordinator:** Dr Meloni Muir **Session:** Semester 1 **Classes:** Five 1 hour lectures, one 3 hour practical and one 3 hour tutorial per fortnight. **Prerequisites:** 6 credit points of Junior Chemistry plus 30 credit points from any Junior Chemistry, Physics, Mathematics, Biology, Psychology units of study **Prohibitions:** PHSI2905, PHSI2001, PHSI2101, PHSI2901 **Assessment:** Two written exams; group and individual written and oral presentations.

*Note: The completion of 6 credit points of MBLG units of study is highly recommended for progression to Senior Physiology. Students taking combined degrees or with passes in units not listed should consult a coordinator if they do not meet the prerequisites.*

This unit of study offers a basic introduction to the functions of the nervous system, including excitable cell (nerve and muscle) physiology, sensory and motor systems and central processing. It also incorporates haematology and cardiovascular physiology. The practical component involves experiments on humans and isolated tissues, with an emphasis on hypothesis generation and data analysis. Inquiry-based learning tutorial sessions develop critical thinking and generic skills while demonstrating the integrative nature of physiology. Oral and written communication skills are emphasized, as well as group learning and team work.

**Textbooks**

Sherwood, Lauralee. Human Physiology: From Cells to Systems. 6th edition. 2007.

**PHSI2905****Integrated Physiology A (Advanced)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Atomu Sawatari **Session:** Semester 1 **Classes:** Five 1 hour lectures, one 3 hour practical and one 3 hour tutorial per fortnight. Advanced students will be required to attend the designated Advanced Practical and Tutorial sessions. Students will also be exempt from all Inquiry-based learning tutorials. **Prerequisites:** 6 credit points of Junior Chemistry plus 30 credit points from any Junior Chemistry, Physics, Mathematics, Biology, Psychology units of study, approval of Coordinator **Prohibitions:** PHSI2005, PHSI2901, PHSI2001, PHSI2101 **Assessment:** One written exam; individual and group oral presentations, 2 practical reports (reports will replace some other assessment items from regular course)

*Note: Department permission required for enrolment. Note: Permission from the coordinators is required for entry into this course. It is available only to selected students who have achieved a WAM of 75 (or higher) in their Junior units of study. Students taking combined degrees or with passes in units not listed should consult a coordinator if they do not meet the prerequisites. The completion of 6 credit points of MBLG units of study is highly recommended for progression to Senior Physiology*

This unit of study is an extension of PHSI2005 for talented students with an interest in Physiology and Physiological research. The lecture component of the course is run in conjunction with PHSI2005. This unit of study gives a basic introduction to the functions of the nervous system, including excitable cell (nerve and muscle) physiology, sensory and motor systems and central processing. It also incorporates haematology and cardiovascular physiology. The practical component involves experiments on humans, isolated tissues, and computer simulations, with an emphasis on hypothesis generation and data analysis. Both oral and written communication skills are emphasised, as well as group learning. The course will provide an opportunity for students to apply and extend their understanding of physiological concepts by designing and conducting actual experiments. Small class sizes will provide a chance for students to interact directly with faculty members mentoring the practical sessions. Assessment for this stream will be based on oral group presentations and two practical reports. These items will replace some other assessable activities from the regular course.

**Textbooks**

Sherwood, Lauralee. Human Physiology: From Cells to Systems. 5th edition. 2004.

**PHSI2006****Integrated Physiology B**

**Credit points:** 6 **Teacher/Coordinator:** Dr Meloni Muir **Session:** Semester 2 **Classes:** Five one-hour lectures, one 3-hour practical and one 3-hour tutorial per fortnight. **Prerequisites:** 6 credit points of Junior Chemistry plus 30 credit points from any Junior Chemistry, Physics, Mathematics, Biology, Psychology units of study **Prohibitions:** PHSI2906, PHSI2002, PHSI2102, PHSI2902 **Assessment:** Two written exams; group and individual written and oral presentations

*Note: The completion of Molecular Biology and Genetics A is highly recommended for progression to Senior Physiology. Students taking combined degrees or with passes in units not listed should consult a coordinator if they do not meet the prerequisites.*

This unit of study offers a basic introduction to the functions of the remaining body systems: gastrointestinal, respiratory, endocrine, reproductive and renal. The practical component involves experiments

on humans and computer simulations, with an emphasis on hypothesis generation and data analysis. Inquiry-based learning tutorial sessions develop critical thinking and generic skills while demonstrating the integrative nature of physiology. Oral and written communication skills are emphasized, as well as group learning and team work.

#### Textbooks

Sherwood, L. Human Physiology: From Cells to Systems. 6th edition. 2007.

### PHSI2906

#### Integrated Physiology B (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Atomu Sawatari **Session:** Semester 2 **Classes:** Five 1-hour lectures, one 3-hour practical and one 3-hour tutorial per fortnight. Advanced students will be required to attend the designated Advanced Practical and Tutorial sessions. Students will also be exempt from all Inquiry-based learning tutorials. **Prerequisites:** 6 credit points of Junior Chemistry plus 30 credit points from any Junior Chemistry, Physics, Mathematics, Biology, Psychology units of study, approval of coordinator **Prohibitions:** PHSI2006, PHSI2902, PHSI2002, PHSI2102 **Assessment:** One written exam; individual and group oral presentations, 2 practical reports (reports will replace some other assessment items from regular course)

*Note: Department permission required for enrolment. Note: Permission from the coordinators is required for entry into this course. It is available only to selected students who have achieved a WAM of 75 (or higher) in their Junior units of study. Students taking combined degrees or with passes in units not listed should consult a coordinator if they do not meet the prerequisite. The completion of Molecular Biology and Genetics A is highly recommended for progression to Senior Physiology.*

This unit of study is an extension of PHSI2006 for talented students with an interest in Physiology and Physiological research. The lecture component of the course is run in conjunction with PHSI2006. This unit of study gives a basic introduction to the remaining of the body systems: gastrointestinal, respiratory, endocrine, reproductive and renal. The practical component involves simple experiments on humans, isolated tissues, and computer simulations, with an emphasis on hypothesis generation and data analysis. Both oral and written communication skills are emphasised, as well as group learning. The course will provide an opportunity for students to apply and extend their understanding of physiological concepts by designing and conducting actual experiments. Small class sizes will provide a chance for students to interact directly with faculty members mentoring the practical sessions. Assessment for this stream will be based on oral group presentations and two practical reports. These items will replace some other assessable activities from the regular course.

#### Textbooks

Sherwood, L. Human Physiology: From Cells to Systems. 6th edition 2004.

Please note, all NEUR courses are taught and administered jointly by the Disciplines of Physiology and Anatomy & Histology and can form part of a major in Physiology, Anatomy & Histology or Neuroscience. NEUR3001/3901 and 3002/3902 are designed to be taken in conjunction with other. It is also strongly advised that NEUR3003/3903 and 3004/3904 be taken together. For information on NEUR3002 and NEUR3004 refer to the entry under Anatomy in this chapter.

### NEUR3001

#### Neuroscience: Special Senses

**Credit points:** 6 **Teacher/Coordinator:** Dr Dario Protti **Session:** Semester 1 **Classes:** Two 1 hour lectures per week; one 3 hour practical per fortnight and one 3 hour tutorial per fortnight. **Prerequisites:** For BMedSc students: BMED(2801 or 2503) and BMED(2806 or 2505) For other students: (PHSI(2101 or 2001 or 2901 or 2005 or 2905) or ANAT(2003 or 2010)) and 6 credit points of MBLG. **Prohibitions:** PHSI3001, NEUR3901 **Assumed knowledge:** It is strongly recommended that students also take unit NEUR3002. PHSI2005 and ANAT2010 are assumed knowledge. **Assessment:** Two 1 hour exams, one prac report

The aim of this course is to provide students with an introduction to the structure and function of the nervous system and to the main concepts of processing of sensory information. Understanding basic sensory transduction mechanisms and the function of the sensory systems is necessary to understand how perceptual processes work in normal and disease conditions and provides a gateway to unravel the complexity of the mind. Basic aspects of low and high level sensory processing in all sense modalities will be covered, with a special emphasis in the auditory and visual systems. The relationship between

sensory systems, perception and higher cognitive functions will be addressed.

#### Textbooks

Kandel, Schwartz, Jessel. Principles of Neural Science. 4th edition. Elsevier. 2000.

or

Bear, Connors, Paradiso. Neuroscience: Exploring the Brain. Williams & Wilkins. 2001.

### NEUR3901

#### Neuroscience: Special Senses (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Dario Protti **Session:** Semester 1 **Classes:** Two 1 hour lectures per week; one 3 hour practical per fortnight and one 3 hour tutorial per fortnight. Advanced students may be exempt from attending some of these classes to permit meetings with supervisor. **Prerequisites:** For BMedSc students: Credit average in BMED(2801 or 2503) and BMED(2806 or 2505) For other students: Credit average in (PHSI(2101 or 2001 or 2901 or 2005 or 2905) or ANAT(2003 or 2010)) and 6 credit points of MBLG. **Prohibitions:** NEUR3001, PHSI3001, PHSI3901 **Assumed knowledge:** PHSI2005 and ANAT2010 **Assessment:** Two 1 hour exams, one prac report, tutorial papers, one research or library essay (research essay will replace some other assessment items from regular course)

*Note: Permission from the coordinators is required for entry into this course. It is strongly recommended that students also take unit NEUR3002 or NEUR3902.*

This unit of study is an extension of NEUR3001 for talented students with an interest in Neuroscience and research in this field. The lecture/practical component of the course is run in conjunction with NEUR3001. The aim of this course is to provide students with an introduction to the structure and function of the nervous system and to the main concepts of processing of sensory information. Understanding basic sensory transduction mechanisms and the function of the sensory systems is necessary to understand how perceptual processes work in normal and disease conditions and provides a gateway to unravel the complexity of the mind. Basic aspects of low and high level sensory processing in all sense modalities will be covered, with a special emphasis in the auditory and visual systems. The relationship between sensory systems, perception and higher cognitive functions will be addressed.

#### Textbooks

Kandel, Schwartz, Jessel. Principles of Neural Science. 4th edition. Elsevier. 2000.

or

Bear, Connors, Paradiso. Neuroscience: Exploring the Brain. Williams & Wilkins. 2001.

### NEUR3003

#### Cellular and Developmental Neuroscience

**Credit points:** 6 **Teacher/Coordinator:** Dr Kevin Keay, Dr Catherine Leamey **Session:** Semester 2 **Classes:** Three 1 hour lectures plus one 1 hour tutorial or one 2 hour practical per week. **Prerequisites:** For BMedSci: 42 credit points of intermediate BMed units. For others: 18 credit points of Intermediate science units of study from Anatomy & Histology, Biochemistry, Biology, Chemistry, Computer Science, Mathematics, Microbiology, Molecular Biology and Genetics, Physiology, Psychology or Statistics **Prohibitions:** NEUR3903, PHSI3002, PHSI3902 **Assumed knowledge:** Students should be familiar with the material in Bear, Connors & Paradiso Neuroscience: Exploring the Brain. **Assessment:** One 1 hour exam. Major essay/report.

*Note: Enrolment in NEUR3004 is HIGHLY RECOMMENDED. Courses are designed to be taken in conjunction with each other.*

This second semester unit is designed to introduce students to "cutting edge" issues in the neurosciences. This course is a combination of small lectures on current issues in cellular and developmental neuroscience and a research-based library project. Suitably qualified students may have the option of replacing the library project with a laboratory project. Issues covered in the lecture series will include the role of glial on cerebral blood flow and neural transmission, neurochemistry and psychiatric disorders and the development of central and peripheral nervous system.

#### Textbooks

Kandell, Schwartz and Jessell. Principles of Neural Science. 4th edition. Elsevier. 2000.

### NEUR3903

#### Cellular & Developmental Neurosci. (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Kevin Keay, Dr Catherine Leamey **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial

or one 2 hour lab session per week. **Prerequisites:** For BMedSci: 42 credit points of intermediate BMed units. For others: 18 credit points of Intermediate science units of study from Anatomy & Histology, Biochemistry, Biology, Chemistry, Computer Science, Mathematics, Microbiology, Molecular Biology and Genetics, Physiology, Psychology or Statistics. Plus, students must have a CREDIT (or better) in NEUR3001/3901 and NEUR3002/3902. **Prohibitions:** NEUR3003, PHSI3002, PHSI3902 **Assumed knowledge:** Students should be familiar with the material in Bear, Connors & Paradiso Neuroscience: Exploring the Brain. **Assessment:** One 1 hour exam. Major essay/report. Mini-lecture.

*Note: Department permission required for enrolment. Note: Enrollment in NEUR3004/3904 is HIGHLY RECOMMENDED. Courses are designed to be taken in conjunction with each other. Students must receive permission from the coordinators for enrollment.*

This unit encompasses the material taught in NEUR3003. Advanced students perform a research project and present a mini-lecture on a current topic in neuroscience.

#### Textbooks

Kandel, Schwartz and Jessell. Principles of Neural Science. 4th edition. Elsevier. 2000.

For other NEUR units of study, see the entry for the Department of Anatomy and Histology.

### PHSI3005

#### Human Cellular Physiology: Theory

**Credit points:** 6 **Teacher/Coordinator:** Dr William Phillips **Session:** Semester 1 **Classes:** Three 1-hour lectures and one 1-hour tutorial slot per week. **Prerequisites:** Except for BMedSc students: PHSI(2005 or 2905) and PHSI(2006 or 2906) For BMedSc: BMED (2801 and 2802). **Prohibitions:** PHSI3905, PHSI3004, PHSI3904 **Assumed knowledge:** 6 credit points of MBLG **Assessment:** One 2-hour exam and 3-5 quizzes

*Note: It is highly recommended that this unit of study be taken in conjunction with PHSI3006.*

The aim of this unit of study is to examine key cellular processes involved in the growth, maintenance and reproduction of human life. Processes to be studied include the regulation of cell division and differentiation in developing and adult tissues, the regulation of body fluids through ion transport across epithelia, and mechanisms of hormonal and nervous system signalling. Lectures will relate the molecular underpinnings to physiological functions: our current interpretation of how ion channels, hormone receptors and synaptic interactions mediate tissue function and human life. The significance of these molecular mechanisms will be highlighted by considering how mutations and other disorders affect key proteins and genes and how this might lead to disease states such as cancer, intestinal and lung transport disorders and osteoporosis.

#### Textbooks

Alberts, B. Molecular Biology of the Cell. 5th edition. Garland Science.

### PHSI3905

#### Human Cellular Physiology (Adv): Theory

**Credit points:** 6 **Teacher/Coordinator:** Dr William D. Phillips **Session:** Semester 1 **Classes:** Three 1-hour lectures and one 1-hour tutorial slot per week. **Prerequisites:** Credit average in PHSI(2005 or 2905) and PHSI(2006 or 2906) or in BMED (2801 and 2802). Students enrolling in this unit should have a WAM of at least 70. **Prohibitions:** PHSI3005, PHSI3004, PHSI3904 **Assumed knowledge:** 6 credit points of MBLG **Assessment:** One 2-hour exam, one 2000-word report and a report plan arising from a mentored research project

*Note: Department permission required for enrolment. Note: It is highly recommended that this unit of study be taken in combination with PHSI3906*

The aim of this unit of study is to examine key cellular processes involved in the growth, maintenance and reproduction of human life. Processes to be studied include the regulation of cell division and differentiation in developing and adult tissues, the regulation of body fluids through ion transport across epithelia, mechanisms of hormonal and nervous system signalling and the regulation of muscle contraction. Lectures will relate the molecular underpinnings to physiological functions: our current interpretation of how ion channels, hormone receptors and synaptic interactions mediate tissue function and human life. The significance of these molecular mechanisms will be highlighted by considering how mutations and other disorders affect key proteins and genes and how this might lead to disease states such as cancer, intestinal and lung transport disorders and

osteoporosis. Please see the Physiology website for details of mentored Advanced research topics.

#### Textbooks

Alberts, B. Molecular Biology of the Cell. 5th edition. Garland Science.

### PHSI3006

#### Human Cellular Physiology: Research

**Credit points:** 6 **Teacher/Coordinator:** Dr William D. Phillips **Session:** Semester 1 **Classes:** Two small group PBL and one 1 hour lecture per week; one 3 hour practical in some weeks. **Prerequisites:** Except for BMedSc students: PHSI (2005 or 2905) and PHSI(2006 or 2906) For BMedSc: BMED (2801 and 2802). **Corequisites:** PHSI3005 **Prohibitions:** PHSI3906, PHSI3004, PHSI3904 **Assessment:** One 1.5-hour exam, PBL assessments by oral presentations and paper summaries, prac reports.

This unit of study complements, and should be taken together with PHSI3005. PHSI3006 focuses deeply upon certain areas of cellular physiology that have particular relevance to human health and disease. In the problem-based learning (PBL) sessions groups of students work together with the support of a tutor to develop and communicate an understanding of mechanisms underlying the physiology and patho-physiology of disorders such as prostate cancer and neuromuscular disorders. Each problem runs over three weeks with two small group meetings per week. Reading lists are structured to help address written biomedical problems. Lectures provide advice on how to interpret scientific data of the type found in the research papers. Practical classes will emphasize experimental design and interpretation. Collectively, the PBL, lectures and practical classes aim to begin to develop skills and outlook needed to deal with newly emerging biomedical science.

#### Textbooks

Alberts, B. Molecular Biology of the Cell. 5th edition. Garland Science.

### PHSI3906

#### Human Cellular Physiology (Ad): Research

**Credit points:** 6 **Teacher/Coordinator:** Dr William D. Phillips **Session:** Semester 1 **Classes:** Two small group PBL and one 1-hour lecture per week; one 3-hour practical in some weeks. **Prerequisites:** PHSI (2005 or 2905) and PHSI(2006 or 2906) or in BMED (2801 and 2802). Students enrolling in this unit should have a WAM of at least 70. **Corequisites:** PHSI3905 **Prohibitions:** PHSI3006, PHSI3004, PHSI3904 **Assumed knowledge:** 6 credit points of MBLG **Assessment:** One 1.5-hour exam, PBL assessments by oral presentations and paper summaries, 1500-word research report.

*Note: Department permission required for enrolment.*

This unit of study complements, and should be taken together with PHSI3905. PHSI3906 focuses deeply upon certain areas of cellular physiology that have particular relevance to human health and disease. In the problem-based learning (PBL) sessions groups of students work together with the support of a tutor to develop and communicate an understanding of mechanism underlying the physiology and patho-physiology of disorders such as prostate cancer and neuromuscular disorders. Each problem runs over three weeks with two small group meetings per week. Reading lists are structured to help address written biomedical problems. Lectures provide advice on how to interpret scientific data of the type found in the research papers. Practical classes will emphasize experimental design and interpretation. Collectively, the PBL, lectures and practical classes aim to begin to develop skills and outlook needed to deal with newly emerging biomedical science. Please see the Physiology website for details of mentored Advanced research topics.

#### Textbooks

Alberts, B. Molecular Biology of the Cell. 5th edition. Garland Science.

### PHSI3007

#### Heart and Circulation: Normal Function

**Credit points:** 6 **Teacher/Coordinator:** Dr Steve Assinder **Session:** Semester 2 **Classes:** Two 1-hour lectures and one 3-hour practical or one 2-hour tutorial per week. **Prerequisites:** Except for BMedSc students: PHSI(2005 or 2905) and PHSI(2006 or 2906) plus at least 12 credit points of intermediate Science Units of Study For BMedSc: BMED (2801 and 2803). **Prohibitions:** PHSI3907, PHSI3003, PHSI3903 **Assumed knowledge:** 6 credit points of MBLG **Assessment:** One 2-hour exam, 3 practical assignments

*Note: It is recommended that students take PHSI3007 ONLY in combination with PHSI3008.*

The aim of this unit of study is to examine in depth the structure and function of the cardiovascular system at the organ system, cellular and molecular levels. There is a particular focus on exercise physiology and the way in which the heart, circulation and skeletal muscles contribute to the limits of sporting achievement. The excitability, contractility and energetics of the heart and blood vessels are studied and the regulation of these organs by local (physical and chemical) factors, hormones and the nervous system are discussed, with emphasis on cellular and molecular mechanisms. At the systemic level, short term (neural) mechanisms controlling the blood pressure and how the system behaves during exercise and other stresses is dealt with. Long term (hormonal) mechanisms regulating blood pressure via the renal control of extracellular fluid volume is also discussed. There is an emphasis in this unit of study on recent advances in cellular and molecular aspects of heart and the blood vessels and the regulation of these organs by local (physical and chemical) factors, hormones and the autonomic nervous system. Lectures will be complemented by practical classes and tutorials that reinforce the theory and emphasise experimental design, data interpretation and presentation.

### PHSI3907

#### Heart & Circulation: Normal Function Adv

**Credit points:** 6 **Teacher/Coordinator:** Dr Steve Assinder **Session:** Semester 2 **Classes:** Two 1-hour lectures and one 3-hour practical or one 2-hour tutorial per week **Prerequisites:** Except for BMedSc students: PHSI(2005 or 2905) and PHSI(2006 or 2906) plus at least 12 credit points of intermediate Science Units of Study For BMedSc: BMED (2801 and 2803). **Prohibitions:** PHSI3007, PHSI3003, PHSI3903 **Assumed knowledge:** 6 credit points of MBLG **Assessment:** One 2-hour exam, 2000-word report/essay based on a mentored research project, practical assignment

*Note: Department permission required for enrolment. Note: Available to selected students who have achieved an average of at least 75 in their prerequisite units of study. It is highly recommended that this unit of study be taken in combination with PHSI3908.*

The aim of this unit of study is to examine in depth the structure and function of the cardiovascular system at the organ system, cellular and molecular levels. There is a particular focus on exercise physiology and the way in which the heart, circulation and skeletal muscles contribute to the limits of sporting achievement. The excitability, contractility and energetics of the heart and blood vessels are studied and the regulation of these organs by local (physical and chemical) factors, hormones and the nervous system are discussed, with emphasis on cellular and molecular mechanisms. At the systemic level, short term (neural) mechanisms controlling the blood pressure and how the system behaves during exercise and other stresses is dealt with. Long term (hormonal) mechanisms regulating blood pressure via the renal control of extracellular fluid volume is also discussed. There is an emphasis in this unit of study on recent advances in cellular and molecular aspects of heart and the blood vessels and the regulation of these organs by local (physical and chemical) factors, hormones and the autonomic nervous system. Lectures will be complemented by practical classes and tutorials that reinforce the theory and emphasize experimental design, data interpretation and presentation. Details of mentored Advanced research projects are available on the Physiology website.

### PHSI3008

#### Heart and Circulation: Dysfunction

**Credit points:** 6 **Teacher/Coordinator:** Dr Steve Assinder **Session:** Semester 2 **Classes:** Two 1-hour lectures and two 1-hour PBL sessions per week **Prerequisites:** Except for BMedSc students: PHSI(2005 or 2905) and PHSI(2006 or 2906) plus at least 12 credit points of intermediate Science Units of Study For BMedSc: BMED (2801 and 2803) **Prohibitions:** PHSI3908, PHSI3003, PHSI3903 **Assumed knowledge:** 6 credit points of MBLG **Assessment:** One 2-hour exam, PBL presentations, 2000-word essay

*Note: It is strongly recommended that students take PHSI3008 ONLY in combination with PHSI3007*

This unit of study complements and should be taken together with PHSI3007, which deals with the normal function of the cardiovascular system. This unit of study focuses on cardiovascular disease which is a major cause of death in western society. Lectures provide the background to understanding (a) the disruption of normal physiological

processes, (b) recent advances in cellular and molecular aspects, and (c) the physiological basis of modern approaches to treatment. Examples of diseases covered include: heart failure, heart attack, cardiac hypertrophy, atheroma and hypertension. In the seminar sessions, students will work in small groups with a tutor to further extend their understanding of cellular and molecular mechanisms underpinning cardiovascular disease. Reading lists are organised into specific topics related to a particular disease. Through analysis and discussion of the readings students develop skills necessary for interpreting and communicating science.

### PHSI3908

#### Heart & Circulation: Dysfunction Adv

**Credit points:** 6 **Teacher/Coordinator:** Dr Steve Assinder **Session:** Semester 2 **Classes:** Two 1 hour lecture and two 1 hour PBL sessions per week. **Prerequisites:** Except for BMedSc students: PHSI(2005 or 2905) and PHSI(2006 or 2906) plus at least 12 credit points of intermediate Science Units of Study For BMedSc: BMED (2801 and 2803). **Prohibitions:** PHSI3008, PHSI3003, PHSI3903 **Assumed knowledge:** 6 credit points of MBLG **Assessment:** One 2-hour exam, PBL presentations, written assignment on a selected topic

*Note: Department permission required for enrolment. Note: Available to selected students who have achieved an average of at least 75 in their prerequisite units of study. It is highly recommended that this unit of study be taken ONLY in combination with PHSI3907 or PHSI3007.*

This unit of study complements and should be taken together with PHSI3007 which deals with the normal function of the cardiovascular system. This unit of study focuses on cardiovascular disease which is a major cause of death in western society. Lectures provide the background to understanding (a) the disruption of normal physiological processes, (b) recent advances in cellular and molecular aspects, and (c) the physiological basis of modern approaches to treatment. Examples of diseases covered include: heart failure, heart attack, cardiac hypertrophy, atheroma and hypertension. In the seminar sessions students will work in small groups with a tutor to further extend their understanding of cellular and molecular mechanisms underpinning cardiovascular disease. Reading lists are organised into specific topics related to a particular disease. Through analysis and discussion of the readings students develop skills necessary for interpreting and communicating science. Details of mentored Advanced research projects are available on the Physiology website.

## Physiology Honours

During fourth year, no formal series of lectures is provided but students are given a relevant problem to investigate. This problem usually represents a small facet of one of the major current research projects within the Department, and the students work in collaboration with members of the staff. Students write a thesis embodying the results of their work.

## Plant Science

The following units of study form part of the Plant Science program, which has been developed jointly by the Faculty of Agriculture, Food and Natural Resources and the School of Biological Sciences.

## Intermediate units of study

### PLNT2001

#### Plant Biochemistry and Molecular Biology

**Credit points:** 6 **Teacher/Coordinator:** Dr Meredith Wilkes, Prof Les Copeland, Dr Rosanne Quinnett **Session:** Semester 1 **Classes:** 2-3 lec/week, 32 hrs total; tutorials: 5 hrs total; laboratories: 36 hrs total **Prerequisites:** 12 credit points of Junior Chemistry and 12 credit points of Junior Biology (or with the Dean's permission BIOL1201 and BIOL1202) **Prohibitions:** PLNT2901, AGCH2001 **Assessment:** One 2hr exam, practical reports, practical quizzes, theory of practical exam, 400 word writing assignment.

This unit of study is designed to develop an understanding of the molecular principles that underlie the structure and function of plants and how these principles relate to the use of plants by humans as a source of food and fibre.

The unit is a core unit for BScAgr and BHortSc students and an elective for BSc and other degree programs. It recognizes the specialized nature of plant biochemistry and molecular biology and is

a platform for students who wish to gain a sound knowledge of plant growth and development.

This unit covers the biochemistry of the main carbohydrate, lipid, protein and nucleic acid constituents of plants, metabolic pathways that regulate plant growth and development, the mobilization and deposition of storage reserves, storage and expression of genetic information and plant responses to environmental influences. The role of molecular biology in the manipulation of plant growth and development will also be explored.

At the completion of this unit students will be able to demonstrate theoretical knowledge of the biochemical structure and function of plants and how molecular biology can enhance our use of plants as food and fibres. Students will also be able to demonstrate abilities in the practice of laboratory methods used to analyse plants and the effective communication of experimental findings.

Students enrolled in this unit will gain research and enquiry skills through attendance at lectures and participation in laboratory classes and tutorials, information literacy and communication skills through the synthesis of information used to prepare practical reports, social and professional understanding by participation in groupwork and assessments that seek to understand the role of agriculture in the broader community.

#### Textbooks

No recommended text. A study guide/laboratory manual will be available for purchase from the Copy Centre during the first week of semester. Lecture notes and readings will be available through WebCT.

### PLNT2901

#### Plant Biochem & Molecular Biology (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Meredith Wilkes, Prof Les Copeland, Dr Rosanne Quinell **Session:** Semester 1 **Classes:** 2-3 lec/week, 32 hrs total; tutorials: 5 hrs total; research project: 36 hrs total **Prerequisites:** A Distinction average in 12 credit points of Junior Chemistry and 12 credit points of Junior Biology (or with the Dean's permission BIOL1201 and BIOL1202) **Prohibitions:** PLNT2001, AGCH2001 **Assessment:** One 2hr exam, practical report, 400 word writing assignment.

This unit of study is designed to develop an understanding of the molecular principles that underlie the structure and function of plants and how these principles relate to the use of plants by humans as a source of food and fibre.

This unit is offered at an advanced level and is available to students in BScAgr, BHortSc, BSc and other degree programs. This unit recognizes the specialized nature of plant biochemistry and is of interest to students who wish to gain a more advanced knowledge of plant growth and development.

This unit covers the biochemistry of the main carbohydrate, lipid, protein and nucleic acid constituents of plants, metabolic pathways that regulate plant growth and development, the mobilization and deposition of storage reserves, storage and expression of genetic information and plant responses to environmental influences. The role of molecular biology in the manipulation of plant growth and development will also be explored.

At the completion of this unit students will be able to demonstrate theoretical knowledge of the biochemical structure and function of plants and how molecular biology can enhance our use of plants as food and fibres. Students will also be able to demonstrate abilities in the practice of laboratory methods used to analyse plants and the effective communication of experimental findings by completing a short research project.

Students enrolled in this unit will gain research and enquiry skills through attendance at lectures and tutorials and by completing a small research project and information literacy and communication skills through the synthesis of information used to prepare a report on the findings of the research project.

#### Textbooks

No recommended text. A study guide/laboratory manual will be available for purchase from the Copy Centre during the first week of semester. Lecture notes and readings will be available through WebCT.

### PLNT2002

#### Aust Flora: Ecology and Conservation

**Credit points:** 6 **Teacher/Coordinator:** Dr Glenda Wardle, Dr Murray Henwood. **Session:** Semester 1 **Classes:** (2 hrs lec & 3 hrs prac)/wk, audiovisual. **Prerequisites:** 6 credit points of a Junior unit of study **Prohibitions:** PLNT2902 **Assessment:** One 2-hr exam (40%), laboratory reports (20%) herbarium (20%), one 2-hr practical exam (20%).

This unit provides a broad understanding of the evolution, classification and diversity of terrestrial plants, and the principles of plant ecology in an Australian context. The major types of Australian vegetation are discussed across a range of temporal and spatial scales, and their current distribution related to their environment and origins. Selected contemporary issues in plant conservation from Australian natural and managed systems are explored. There is a strong emphasis on practical skills such as phylogenetic inference, plant identification and the collection and analysis of ecological data. The practical component of the unit of study uses examples taken from the Australian flora (including plants of horticultural significance) and major crop plants. Important elements of this unit are half-day field trips to the Royal National Park, and the construction of student herbaria. The practical sessions and interactions with staff encourage students to develop their own learning style and enhance a strong sense of self-reliance. Critical thinking, effective communication and other vocational and generic skills are emphasized. The content is well suited to students with interests in botany, plant science and ecology, and is often combined with units of study offered through the School of Biological Sciences and the Faculty of Agriculture, Food and Natural Resources. This unit of study also complements a wide range of units of study from: science (e.g. plant science, earth and environmental science, animal science, bioinformatics, molecular and cell biology, genetics and biotechnology); agriculture (e.g. horticulture, land and water science, and natural resources); and broader disciplines (e.g. education, arts, and environmental law).

#### Textbooks

A Laboratory Manual for the unit will be available for purchase from the Copy Centre during the first week of Semester.

### PLNT2902

#### Aust Flora: Ecology & Conservation (Adv)

**Credit points:** 6 **Teacher/Coordinator:** Dr Glenda Wardle, Dr Murray Henwood **Session:** Semester 1 **Classes:** (2 lec & 3 prac)/wk, audiovisual **Prerequisites:** Distinction average in 6 credit points of Junior units of study **Prohibitions:** PLNT2002 **Assumed knowledge:** The contents of BIOL(1002 or 1902) is assumed knowledge. Students wishing to enroll in Intermediate Biology (BIOL) and Plant Science (PLNT) units of study using BIOL(1003 or 1903) will need to do some preparatory reading **Assessment:** One 2-hr exam (40%), laboratory reports (20%) research project (20%), one 2-hr practical exam (20%).

Qualified students will participate in alternative components of PLNT2002. The content and nature of these components may vary from year to year. See prerequisites for Senior units of study in Biology.

#### Textbooks

A Laboratory Manual for the unit will be available for purchase from the Copy Centre during the first week of Semester.

### PLNT2003

#### Plant Form and Function

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Robyn Overall, Dr Lindsay Campbell **Session:** Semester 2 **Classes:** 24 lectures; 10 tutorials; 8 x 2 hr and 2x3hr labs; 2x6 hr field trips **Prohibitions:** PLNT2903, BIOL2003, BIOL2903, CROP2001 **Assumed knowledge:** 12 credit points of Junior Biology, or equivalent eg BIOL (1001 or 1101 or 1901 or 1911) and BIOL (1002 or 1902 or 1003 or 1903) **Assessment:** One 2hr theory exam (40%), prac exam (20%), anatomy project (10%), quizzes (5%), physiology report (10%), field report (15%).

This unit of study investigates the structure of cells, tissues and organs of flowering plants and relates them to function. Topics include; how photosynthesis, translocation, water transport and nutrition relate to the structures that carry out these processes. Most of the information on plant structure will be provided in self-instructional audio-visual sessions augmented by small group discussions. This is integrated with experiments carried out in the laboratory or on field excursions to investigate the physiological aspects of plant structures. There is a focus on recent advances in plant molecular biology where they

have been critical in enhancing our understanding of the form and function of plants. The physiological and anatomical responses of plants to extreme environments such as drought and salinity will also be addressed. Attention will be paid to the anatomy and physiology of crop, horticultural and Australian native plants. This unit of study complements Plant Biochemistry and Molecular Biology, Australian Flora: ecology and conservation and Cell Biology and leads onto senior units of study in plant sciences, including Plant Growth and Development. It is essential for those seeking a career in plant molecular biology.

#### Textbooks

Taiz L, Zeiger E (2006) Plant Physiology 4th ed. Sunderland, Mass Sinauer

Recommended reading:

Atwell B, Kriedemann P, Turnbull C (1999) Plants in Action. Macmillan, South Yarra. (A new edition is currently being written)

Buchanan BB, Gruissem W, Jones RL (2000) Biochemistry and Molecular Biology of Plants, ASPP, Rockvill, Maryland

A Study Guide for the unit will be available for purchase from the Copy Centre during the first week of semester.

### PLNT2903

#### Plant Form and Function (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** A/Prof Robyn Overall, Dr Lindsay Campbell **Session:** Semester 2 **Classes:** 24 lectures; 10 tutorials; 8 x 2 hr and 2x3hr labs; 2x6 hr field trips **Prohibitions:** PLNT2003, BIOL2003, BIOL2903, CROP2001 **Assumed knowledge:** 12 credit points of Junior Biology, or equivalent eg BIOL (1001 or 1101 or 1901 or 1911) and BIOL (1002 or 1902 or 1003 or 1903) **Assessment:** One 2hr theory exam (40%), prac exam (20%), research project oral and written presentation (25%), field report (15%).

The content will be based on PLNT2003 but qualified students will participate in alternative components at a more advanced level. The content and nature of these components may vary from year to year.

#### Textbooks

Taiz L, Zeiger E (2006) Plant Physiology 4th ed. Sunderland, Mass Sinauer

Recommended reading:

Atwell B, Kriedemann P, Turnbull C (1999) Plants in Action. Macmillan, South Yarra.

Buchanan BB, Gruissem W, Jones RL (2000) Biochemistry and Molecular Biology of Plants, ASPP, Rockvill, Maryland

A Study Guide for the unit will be available for purchase from the Copy Centre during the first week of semester.

## Senior units of study

### PLNT3001

#### Plant, Cell and Environment

**Credit points:** 6 **Teacher/Coordinator:** Dr Charles Warren and Dr Brian Jones **Session:** Semester 2 **Classes:** Workshops and discussions 2 hr/wk; laboratories: alternate weeks 30 hr total (6 pracs; 5 hr each) **Prerequisites:** 12 credit points of Intermediate Biology, Plant Science, Molecular Biology and Genetics or equivalent **Prohibitions:** PLNT3901 **Assessment:** One 2hr exam (30%), 2 reports (30%), two essays (30%) one group presentation (10%).

This unit of study of comprises lectures/workshops and practical sessions that will explore how plants and ecosystems function. Classes will examine the central role of plants in the function of terrestrial ecosystems (e.g. global and ecosystem cycles of carbon and nutrients). Plants shape how ecosystems function, and at the same time the environment affects how plants function. Hence, we will also examine the mechanisms plants employ to adapt and acclimate to their (often stressful) environment. Adaptation and acclimation of plants to their environment will be examined at molecular through to whole plant scales. You will need to draw on knowledge from intermediate units of study and explore the published literature to successfully integrate information from areas unfamiliar to yourself. The purpose of this Unit of Study is to develop an understanding of current directions in Plant Science at an advanced level. When you have successfully completed this unit of study, you should be able to: be familiar with modern approaches of physiology, biophysics and molecular biology in the study of plant function; understand how domains of knowledge interact to describe plant function; understand how plants function in stressful environments; carryout a small research project; draft a manuscript for publication in a peer-reviewed journal.

#### Textbooks

Students will be drawing on the current research literature for content.

A Study Guide for the unit will be available for purchase during the first week of semester from the Copy Centre at a cost to be advised.

### PLNT3901

#### Plant, Cell and Environment (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Charles Warren and Dr Brian Jones **Session:** Semester 2 **Classes:** Workshops and discussions 2 hr/wk; laboratories: alternate weeks 30 hr total (6 pracs; 5 hr each) **Prerequisites:** 12 credit points of Intermediate Biology, Plant Science, Molecular Biology and Genetics or equivalent with average grade of distinction **Prohibitions:** PLNT3001 **Assessment:** One 2hr exam (30%), 2 two essays (30%), one advance student project report (30%), one individual oral presentation (10%).

*Note: Department permission required for enrolment.*

This unit of study of comprises lectures/workshops and practical sessions that will explore how plants and ecosystems function. Classes will examine the central role of plants in the function of terrestrial ecosystems (e.g. global and ecosystem cycles of carbon and nutrients). Plants shape how ecosystems function, and at the same time the environment affects how plants function. Hence, we will also examine the mechanisms plants employ to adapt and acclimate to their (often stressful) environment. Adaptation and acclimation of plants to their environment will be examined at molecular through to whole plant scales. You will need to draw on knowledge from intermediate units of study and explore the published literature to successfully integrate information from areas unfamiliar to yourself. The purpose of this Unit of Study is to develop an understanding of current directions in Plant Science at an advanced level. When you have successfully completed this unit of study, you should be able to: be familiar with modern approaches of physiology, biophysics and molecular biology in the study of plant function; understand how domains of knowledge interact to describe plant function; understand how plants function in stressful environments; carryout a small research project; draft a manuscript for publication in a peer-reviewed journal.

#### Textbooks

Students will be drawing on the current research literature for content.

A Study Guide for the unit will be available for purchase during the first week of semester from the Copy Centre at a cost to be advised.

### PLNT3002

#### Plant Growth and Development

**Credit points:** 6 **Teacher/Coordinator:** Dr Jan Marc (Executive Officer), Prof Robyn Overall, Prof David Guest, Dr Brian Jones **Session:** Semester 2 **Classes:** 2-3 lec per wk, one 4 hr practical (6 weeks only), one 3 hr presentation of research project in week 13 **Prerequisites:** 12 credit points of intermediate PLNT, BIOL, AGCH or CROP units of study including at least one of PLNT2001, PLNT2901, PLNT2003, PLNT2903, BIOL2016, BIOL2916, BIOL2003, BIOL2903, BIOL2006, BIOL2906, CROP2001, AGCH2002 or equivalent **Prohibitions:** PLNT3902, BIOL3021, BIOL3931 **Assessment:** One 2 hr exam (60%), project presentation and report (20%), laboratory quizzes, report and book (20%).

This unit explores the mechanisms underlying plant growth and development from seed to maturity. It covers the process of building the plant body from embryogenesis, development and operation of meristems, polarity, patterning, controls of flowering and fruit development to programmed cell death and senescence. It includes the role of signals such as plant hormones in coordinating plant growth and development and the molecular and cellular mechanisms underlying plant responses to environmental signals such as gravity and light. There is a focus on recent plant molecular biology that has been critical in enhancing our current understanding of plant growth and development. The unit uses examples from crop, horticultural and native plants as well as the model plant Arabidopsis. Lectures are augmented by experimental work, including and independent research project. The laboratory work will include plant tissue culture, protoplast production and modern cell biological techniques used to study plant development. This unit of study complements other senior units of study in the Plant Science Major and is essential for those seeking a career in plant molecular biology.

#### Textbooks

Taiz L, Zeiger E (2006) Plant Physiology 4th ed. Sinauer Associates, Sunderland, Massachusetts

Recommended reading:

Atwell B, Kriedemann P, Turnbull C (1999) Plants in Action. Macmillan, South Yarra.



Buchanan BB, Grissem W, Jones RL (2000) *Biochemistry and Molecular Biology of Plants*, ASPP, Rockville, Maryland  
A Study Guide for the unit will be available for purchase from the Copy Centre during the first week of semester.

### PLNT3902

#### Plant Growth and Development (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr Jan Marc (Executive Officer), Prof Robyn Overall, Prof David Guest, Dr Brian Jones **Session:** Semester 2  
**Classes:** 2-3 lec per wk, one 4 hr practical (6 weeks only), one 3 hr presentation of research project in week 13 **Prerequisites:** 12 credit points of intermediate PLNT, BIOL, AGCH or CROP units of study including at least one of PLNT2001, PLNT2901, PLNT2003, PLNT2903, BIOL2016, BIOL2916, BIOL2003, BIOL2903, BIOL2006, BIOL2906, CROP2001, AGCH2002 or equivalent. These requirements may be varied and students with lower averages should consult the unit Executive Officer. **Prohibitions:** PLNT3002, BIOL3021, BIOL3931 **Assessment:** One 2 hr exam (60%), project presentation and report (20%), laboratory quizzes and book (20%).

Qualified students will participate in alternative components of PLNT3002 Plant Growth and Development, representing 30% of the total assessment, as follows: the students will be exempt from one standard laboratory report and the standard independent group project. Instead, the students will conduct an advanced independent individual practical or theoretical research project under the supervision of a member of the academic staff. The program includes a formal presentation of the results of the project in verbal and written reports.

#### Textbooks

Taiz L, Zeiger E (2006) *Plant Physiology* 4th ed. Sinauer Associates, Sunderland, Massachusetts

#### Recommended reading:

Atwell B, Kriedemann P, Turnbull C (1999) *Plants in Action*. Macmillan, South Yarra.

Buchanan BB, Grissem W, Jones RL (2000) *Biochemistry and Molecular Biology of Plants*, ASPP, Rockville, Maryland  
A Study Guide for the unit will be available for purchase from the Copy Centre during the first week of semester.

### PLNT3003

#### Systematics and Evolution of Plants

**Credit points:** 6 **Teacher/Coordinator:** Dr Murray Henwood **Session:** Semester 1 **Classes:** 2 lectures, one 3 hour practical per week, 2-day field-trip. **Prerequisites:** 6 credit points of any Intermediate unit of study from BIOL, PLNT, LWSC, HORT, GEOS, GEOG, ENVI, SOIL. **Prohibitions:** PLNT3903, BIOL3015/3915. **Assessment:** One 2 hr take-home exam (45%), oral presentation (5%), nomenclature exercise (15%), research project (35%).

This unit of study introduces students to the practical aspects of Plant Systematics and Evolution. Students will gain a working knowledge of the general techniques and approaches used in Plant Systematics (including an understanding of plant taxonomy, phylogenetics and evolutionary processes). A range of data sources (nucleotide sequences and morphology) will be used to address questions concerning the evolution, classification and historical biogeography of various plant groups. A two-day field trip will provide tuition in plant identification and an opportunity to acquire skills in field-botany. This unit of study is recommended for students with an interest in the areas of: botany, plant science, horticulture, fungal biology (including plant pathology), environmental science, bioinformatics and ecology. It is often combined with units of study offered through the School of Biological Sciences and the Faculty of Agriculture, Food and Natural Resources.

#### Textbooks

Jud, WS, Campbell, CS, Kellogg, EA, Stevens, PF and Donohue, MJ. 2002. *Plant Systematics: A Phylogenetic Approach*.

### PLNT3903

#### Systematics and Evolution of Plants Adv

**Credit points:** 6 **Teacher/Coordinator:** Dr Murray Henwood **Session:** Semester 1 **Classes:** 2 lectures & 1 practical per week. **Prerequisites:** Distinction average in 6 credit points of any Intermediate unit of study from BIOL, PLNT, LWSC, HORT, GEOS, GEOG, ENVI, SOIL. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. **Prohibitions:** PLNT3003, BIOL3015/3915. **Assessment:** One 2 hr take-home exam (45%), oral presentation (5%), nomenclature exercise (15%), research project (35%).

Qualified students will participate in alternative components of PLNT3003 Systematics and Evolution of Plants. The content and nature of these components may vary from year to year.

#### Textbooks

Same as PLNT3003.

### BIOL3009

#### Terrestrial Field Ecology

**Credit points:** 6 **Teacher/Coordinator:** Dr G Wardle **Session:** S2 Intensive **Classes:** Note: One 6 day field trip held in the pre-semester break and 4 practical classes during weeks 1-4 in Semester 2. **Prerequisites:** 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001. **Prohibitions:** BIOL3909 **Assumed knowledge:** BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. **Assessment:** Discussions and quiz (10%), research project proposal and brief presentation (10%), sampling project report (20%), specimen collection (10%), research project report (50%).

*Note:* Note: One 6 day field trip held in the pre-semester break (18 - 23 July 2010), and 4 practical classes during weeks 1-4 in Semester 2.

This field course provides practical experience in terrestrial ecology suited to a broad range of careers in ecology, environmental consulting and wildlife management. Students learn a broad range of ecological sampling techniques and develop a detailed understanding of the logical requirements necessary for manipulative ecological field experiments. The field work incorporates survey techniques for plants, small mammals and invertebrates and thus provides a good background for ecological consulting work. Students attend a week-long field course and participate in a large-scale research project as well as conducting their own research project. Invited experts contribute to the lectures and discussions on issues relating to the ecology, conservation and management of Australia's terrestrial flora and fauna.

### BIOL3909

#### Terrestrial Field Ecology (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** Dr G Wardle. **Session:** S2 Intensive **Classes:** 6 day field trip held in the pre-semester break and 4 practical classes during weeks 1-4 in Semester 2. **Prerequisites:** Distinction average in 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001 **Prohibitions:** BIOL3009. **Assumed knowledge:** BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. **Assessment:** Discussions and quiz (10%), research project proposal and brief presentation (10%), sampling project report (20%), sample and data processing (10%), research project report (50%).

*Note:* Note: One 6 day field trip held in the pre-semester break (18 - 23 July 2010) and 4 practical classes during weeks 1-4 in Semester 2.

This unit has the same objectives as BIOL3009 Terrestrial Field Ecology, and is suitable for students who wish to pursue certain aspects in greater depth. Entry is restricted, and selection is made from applicants on the basis of previous performance. Students taking this unit of study will complete an individual research project on a topic negotiated with a member of staff. It is expected that much of the data collection will be completed during the field trip but some extra time may be needed during semester 2. Specific details of this unit of study and assessment will be announced in meetings with students at the beginning of the unit. This unit of study may be taken as part of the BSc (Advanced) program.

### BIOL3017

#### Fungi in the Environment

**Credit points:** 6 **Teacher/Coordinator:** A/Prof P McGee **Session:** S1 Intensive **Classes:** 40 hours of practicals in a two week intensive program held immediately prior to semester one (laboratory component each morning from 15-26 February 2010), plus the equivalent of 30 hours self-guided study during the semester. **Prerequisites:** 12 credit points of Intermediate Biology or Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography. **Prohibitions:** BIOL3917 **Assessment:** Selected from one 2 hour take home exam, laboratory and written assignments.

*Note:* Dates: 15-26 February 2010. The completion of 6 credit points of MBLG units is highly recommended.

The unit is designed to develop understanding of fungal ecology in relation to environmental and rehabilitation biology, biological control of pests and pathogens, and soil microbiology. Emphasis will be placed on the function of fungi, and the benefit provided by fungi in symbiotic



interactions with plants, including mycorrhizal fungi and shoot-borne endophytes. Physiological and ecological implications of the interactions will also be considered. Each student will design and implement a research project. Analytical thinking and research-led activity will be encouraged. Using broad scientific approaches, each student will gain the capacity to work cooperatively to find and analyse information from primary sources, develop approaches to test their understanding, and to present their work in a scientifically acceptable manner. Students will develop a deeper understanding of one area of fungal biology through independent study. Part of the learning material will be available on the internet.

### BIOL3917

#### Fungi in the Environment (Advanced)

**Credit points:** 6 **Teacher/Coordinator:** A/Prof P McGee **Session:** S1 Intensive **Classes:** 40 hours of practical work in a two week intensive program immediately prior to semester one (laboratory component each morning from 15-26 February 2010), plus the equivalent of 30 hours self-guided study during the semester. **Prerequisites:** Distinction average in 12 credit points of Intermediate Biology and Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography. **Prohibitions:** BIOL3017 **Assessment:** Selected from one 2 hour take home exam, laboratory and written assignments.

*Note: The completion of 6 credit points of MBLG units is highly recommended.*

Qualified students will be encouraged to develop a research project under supervision. The content and nature of the research will be agreed on with the executive officer.

### PPAT3003

#### Plant Disease

**Credit points:** 6 **Teacher/Coordinator:** Prof David Guest **Session:** Semester 1 **Classes:** (2 lec, 3h prac)/wk **Prerequisites:** MICR2024 **Assessment:** One 2h end of semester exam (60%), one prac exam (25%), six take-home quizzes (15%).

This unit introduces the pathogens and plant diseases that damage natural ecosystems and limit food, fibre and biofuel production. The lecture component of the unit discusses the aetiology of plant disease and symptom development; diagnosis of plant disease; the biology, epidemiology and management of fungi and other microbes that cause plant disease; breeding for disease resistance; plant-parasite relationships; and disease resistance in plants. The practical component builds skills in the techniques used to handle and identify plant pathogens, and develops skills in experimental design, execution and interpretation of experimental data. At the completion of this unit, students will be able to exercise problem-solving skills (developed through practical experiments and lecture discussions), think critically, and organise knowledge (from consideration of the lecture material and preparation of practical reports), expand from theoretical principles to practical explanations (through observing and reporting on practical work), use appropriate software for analysing data and reporting on laboratory projects. Students learn to work in a research team, plan effective work schedules (to meet deadlines for submission of assessable work), use statistical analysis in research, keep appropriate records of laboratory research, work safely in a research laboratory and operate a range of scientific equipment. Students will gain research and inquiry skills through research based group projects, information literacy and communication skills through assessment tasks and personal and intellectual autonomy through working in groups.

#### Textbooks

Schumann GL & Darcy CJ 2006. Essential Plant Pathology. APS Press, St Paul, Minn., USA.

### HORT3005

#### Production Horticulture

**Credit points:** 6 **Teacher/Coordinator:** Dr Jenny Jobling **Session:** Semester 1 **Classes:** (2 lec; 1x3hr prac/workshop)/wk **Prerequisites:** Two of PLNT2001, PLNT2901, PLNT2002, PLNT2902, PLNT2003, PLNT2903 **Assumed knowledge:** AFNR1001, AFNR1002 and HORT2002 **Assessment:** One 3 hr exam (55%), three assignments (45%).

This unit of study covers topics on the production of perennial fruit crops, wine grapes, the sustainable production of vegetables and it

also covers the key aspects of the postharvest handling and quality assurance of fresh produce. At the end of this unit students are expected to have a detailed understanding of these areas of horticulture and be able to discuss related literature and the physiological principles underlying the commercial success of these horticultural enterprises. Students will also gain research and enquiry skills through research based practical sessions and assignments.

#### Textbooks

#### Reference Books:

Louis Glowinski (2008) The complete book of fruit growing in Australia. Lothian Books

Westwood, M.N. (1993) Temperate-zone pomology. Timber Press Inc.

Jackson, J.E (2003) Biology of apples and pears. Cambridge University Press

Gopinadhan Paliyath et al. (Ed.) (2008) Postharvest biology and technology of fruits, vegetables, and flowers. Oxford : Wiley-Blackwell

Decoteau, D/. R (2000). Vegetable Crops. Upper Saddle River, NJ: Prentice Hall

## Psychology

Psychology is the study of behaviour and it is approached on a scientific basis, with provision for professional training at the postgraduate level. The research activities of the School cover almost all of the main branches of the discipline. Extensive information about the subject and the School is available on the School web-site: [www.psych.usyd.edu.au](http://www.psych.usyd.edu.au). A major in Psychology that is accredited by the Australian Psychological Society and can lead to registration as a Psychologist in NSW (upon completion of further studies) can be gained through a number of degree programs: Bachelor of Science, Bachelor of Psychology, Bachelor of Arts, Bachelor of Arts (Psychology), Bachelor of Arts and Science, Bachelor of Liberal Studies and Bachelor of Economics (Social Science). A normal three year sequence required for a major in Psychology is: PSYC 1001, 1002, 2011, 2012, 2013, 2014, 3018 and at least three Senior units of study selected from PSYC3010 (required for entry into Honours), 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3020 and HPSC3023. The senior units must include at least one of PSYC 3011, 3012, 3013 and 3014. Mid-year entry is possible and involves modification of this sequence.

### Enquiries

The main enquiry office of the School is Room 325, Level 3 Brennan MacCallum Building, A18. Staff members available to discuss particular courses may be contacted directly or through this office.

### Honours

In order to be eligible to enter Psychology Honours, it is necessary (except as provided in the by-laws or resolutions) to gain a year average of at least Pass with Credit in Intermediate and in Senior Psychology units of study constituting a major in Psychology, and must include PSYC3010. Students wishing to graduate with Honours in Psychology are urged to discuss their choice of other subjects with a Faculty adviser as soon as practicable. There is currently a quota on entry to Psychology Honours. Entry is competitive on the basis of academic merit.

### Examinations

Undergraduate units of study are examined at the end of each semester and include classwork by way of essays, reports or practical/laboratory work. At the beginning of each unit of study students are advised of the contributions of exam and classwork for assessment purposes.

### Summer School: January-February

PSYC1001 and PSYC1002 are offered in the Sydney Summer School. Consult the Sydney Summer School website for more information: [www.summer.usyd.edu.au](http://www.summer.usyd.edu.au).

### PSYC1001

#### Psychology 1001

**Credit points:** 6 **Session:** Semester 1, Summer Main **Classes:** Three 1 hour lectures and one 1 hour tutorial per week, plus 1 hour per week of additional web-based (self-paced) material related to the tutorial. **Assessment:** One 2.5hr exam, one 1000w essay, multiple tutorial tests, experimental participation.

Psychology 1001 is a general introduction to the main topics and methods of psychology, and is the basis for advanced work as well as being of use to those not proceeding with the subject. Psychology 1001 covers the following areas: science and statistics in psychology; behavioural neuroscience; applied psychology; social psychology; personality theory; human development.

This unit is also offered in the Sydney Summer School. For more information consult the website:

<http://www.usyd.edu.au/summerschool/>

#### Textbooks

Psychology 1001 manual,  
Weiten, W. Psychology. Themes and variations. 7th Ed. Belmont, CA: Thomson Wadsworth. 2007

### PSYC1002

#### Psychology 1002

**Credit points:** 6 **Session:** Semester 2, Summer Main **Classes:** Three 1 hour lectures and one 1 hour tutorial per week, plus 1 hour per week of additional web-based (self-paced) material related to the tutorial. **Assessment:** One 2.5 hour exam, one 1250 word research report, multiple tutorial tests, experimental participation.

Psychology 1002 is a further general introduction to the main topics and methods of psychology, and it is the basis for advanced work as well as being of use to those not proceeding with the subject. Psychology 1002 covers the following areas: human mental abilities; learning, motivation and emotion; visual perception; cognitive processes; abnormal psychology.

This unit is also offered in the Sydney Summer School. For more information consult the web site:

<http://www.usyd.edu.au/summerschool/>

#### Textbooks

Psychology 1002 manual  
Weiten, W. Psychology. Themes and variations. 7th Ed. Belmont, CA: Thomson Wadsworth. 2007

## Intermediate units of study

### PSYC2011

#### Brain and Behaviour

**Credit points:** 6 **Teacher/Coordinator:** Dr Ian Johnston **Session:** Semester 1 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** PSYC (1001 and 1002). **Prohibitions:** PSYC2111 **Assessment:** One 2 hour exam, major assignment (1500-2000 word essay/report), minor assignment (short written practical exercise and/or tutorial quizzes)

This unit of study examines a range of phenomena and principles in learning and perception and their relations to underlying neural substrates. The emphasis in learning is on instrumental conditioning and the principle of reinforcement, ranging from applications of this principle to its neural substrates. Also covered are analyses of aversive-based learning, such as punishment and avoidance, and anxiety, together with related neurochemical mechanisms and the effects of various psychopharmacological agents on these processes. A number of perceptual phenomena will be studied (e.g., motion detection, recognition of faces, identification of emotion). A series of practical classes and demonstrations allow students to gain hands-on experience of how some of these principles and phenomena may be studied experimentally.

#### Textbooks

See school website

### PSYC2012

#### Statistics & Research Methods for Psych

**Credit points:** 6 **Teacher/Coordinator:** Dr Margaret Charles **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 1 hour tutorial per week, plus one 1 hour lecture and one 1 hour tutorial per fortnight. **Prerequisites:** PSYC (1001 and 1002). **Prohibitions:** PSYC2112 **Assumed knowledge:** Recommended: HSC Mathematics, any level **Assessment:** One 2 hour exam, class tests, online quizzes, one 1500 word group project, one 45 minute mid-semester exam.

The aim is to introduce students to fundamental concepts in statistics as applied to psychological research. These include summary descriptive statistics, an introduction to the principles and practice of

research design, and the use of inferential statistics. Building upon this framework, the unit of study aims to develop each student's expertise in understanding the rationale for, and application of, a variety of statistical tests to the sorts of data typically obtained in psychological research.

#### Textbooks

See school website

### PSYC2013

#### Cognitive and Social Psychology

**Credit points:** 6 **Teacher/Coordinator:** Dr Karen Gonsalkorale **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** PSYC (1001 and 1002). **Prohibitions:** PSYC2113 **Assessment:** One 2 hour exam, major assignment (1500-2000 word essay/report), minor assignment (short written practical exercise and/or tutorial quizzes).

This unit expands the depth and range of topics introduced in the first year lectures on Cognitive Processes, Developmental Psychology and Social Psychology. The first section (16 lectures) on Cognitive Processes focuses on current theories of memory, attention, problem solving and decision making and discusses the methods and issues involved in investigating these processes in both healthy individuals and people with cognitive dysfunctions. The second section (6 lectures) on Developmental Psychology presents and evaluates evidence about the early influences on children's social and cognitive development. The final section (16 lectures) on Social Psychology continues an examination of social development across the lifespan from adolescence to late adulthood, followed by an examination of salient social constructs such as prejudice, group processes, altruism, affiliation and attraction.

#### Textbooks

Cognitive: See School website

Social: White, Hayes & Livesey (2005). Developmental Psychology from Infancy to Adulthood.

### PSYC2014

#### Personality and Intelligence 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Niko Tiliopoulos **Session:** Semester 2 **Classes:** Three 1 hour lectures and one 1 hour tutorial per week. **Prerequisites:** PSYC (1001 and 1002) **Prohibitions:** PSYC2114 **Assessment:** One 2 hour exam, major assignment (1500-2000 word essay/report), minor assignment (short written practical exercise and/or tutorial quizzes)

PSYC2014 is made up of two conceptual components: Theories of Personality and Differential Psychology (Individual Differences). The aim of the Personality component is to introduce students to a number of influential theories of personality. Students will be exposed to some conceptual analysis and expected to examine critically the various theories covered. The aim of the Differential Psychology component is to introduce key topics in the study and assessment of individual differences in personality and intelligence. Students are expected to gain an understanding about the major theories of intelligence, associated research methods, and the traditional areas of group differences.

#### Textbooks

Theories of personality component:

Sollard CF, & Monte, RN (2006). Beneath the mask (8th Ed). NJ: John Wiley & Sons.

Differential Psychology component:

See School website

## Senior units of study

### PSYC3010

#### Advanced Statistics for Psychology

**Credit points:** 6 **Teacher/Coordinator:** Dr Sabina Kleitman **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour tutorial per week. **Prerequisites:** PSYC (2012 or 2112) plus at least one other Intermediate Psychology Unit of Study from PSYC (2011 or 2111), PSYC (2013 or 2113), PSYC (2014 or 2114). **Prohibitions:** PSYC3201 **Assessment:** One 2 hour exam, class test, 1500 word assignment, practical exercises.

This unit of study expands upon students' knowledge of the general linear model and its applications in the analysis of data from psychological research. The first half of the course is focused on research for which analysis of variance would be appropriate, and

develops students' ability to test more focused questions than can be answered by omnibus F tests. Issues that arise in testing contrasts, such as inflation of Type I error, will also be considered. In the second half of the course, students will further their understanding of multivariate techniques, such as multiple regression analysis.

*Textbooks*

See School website

### PSYC3011

#### Learning and Behaviour

**Credit points:** 6 **Teacher/Coordinator:** Dr Justin Harris **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 2 hour tutorial per week. **Prerequisites:** PSYC (2011 or 2111) and at least one other Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114). **Prohibitions:** PSYC3209 **Assumed knowledge:** PSYC (2012 or 2112) **Assessment:** One 2 hour exam, one 2000 word prac report, tutorial assessment.

This unit addresses the fundamental concepts and more important research findings related to contemporary theories of associative learning in animals and humans. It examines the application of such fundamental research to issues such as drug use, food choice, and learned helplessness. It is designed to foster skills in reading primary sources in this area, and provide the opportunity for hands-on experience in carrying out a research project.

*Textbooks*

See School website

### PSYC3012

#### Cognition, Language and Thought

**Credit points:** 6 **Teacher/Coordinator:** Dr Bruce Burns **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** PSYC (2013 or 2113) and at least one other Intermediate Psychology unit from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2014 or 2114). **Prohibitions:** PSYC3205 **Assumed knowledge:** PSYC (2012 or 2112) **Assessment:** One 2 hour exam, 2000 word prac report, practical exercise(s).

This unit extends the theories and methods of investigating memory and attentional processes discussed in PSYC2013 to consider a number of domains of higher cognitive processing. One strand of the course will focus on language processing and consider how children learn language, the processes involved in speech perception and production, language comprehension and reading. The remainder of the course will deal with the cognitive processes involved in reasoning and decision-making. The practical program will expose students to a variety of the research methods used to investigate higher cognitive processes, develop their understanding of how these methods can be used to investigate hypotheses about mental processes and consider applications of cognitive research to real-world problems and issues.

*Textbooks*

See School website

### PSYC3013

#### Perceptual Systems

**Credit points:** 6 **Teacher/Coordinator:** Dr Alex Holcombe **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour tutorial per week. **Prerequisites:** PSYC (2011 or 2111) and at least one other Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114) or ANAT2010 **Prohibitions:** PSYC3210 **Assumed knowledge:** PSYC2012 **Assessment:** One 2 hour exam, one 2500 word report, tutorial quiz, group presentation.

The unit covers at an advanced level selected topics in perception from the psychophysical, physiological and neuropsychological perspectives. Students are expected to gain an understanding of developing knowledge at current frontiers of research, appreciate the significance of basic perceptual research for perception in the office and on the pitch, and be able to evaluate the empirical and conceptual worth of research contributions. Topics covered include spatial and temporal limits of vision, form completion and the resolution of ambiguity, multisensory integration and neural mechanisms.

*Textbooks*

See School website

### PSYC3014

#### Behavioural and Cognitive Neuroscience

**Credit points:** 6 **Teacher/Coordinator:** Dr Karen Croot **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** (PSYC (2011 or 2111) and at least one other Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114)) OR (ANAT2010 plus PCOL2011) **Prohibitions:** PSYC3204, PSYC3215 **Assumed knowledge:** PSYC (2113 or 2013) **Assessment:** One 2 hour exam, one major essay/report 2000-2500 words, tutorial quiz and participation.

This unit of study will focus on approaches to studying neurosciences incorporating molecular, pre-clinical and clinical models of brain function. These biological models of brain function will be linked with behavioural, affective and cognitive function and dysfunction. The implications of focal cognitive deficits in neurological patients for models of normal cognitive function will also be explored. Specific topics to be covered will be selected from the following areas: appetite psychoneuroimmunology, sensorimotor integration, and the neural and molecular basis of learning and memory, attention, language, visual cognition and praxis. In addition to lectures, a practical component will cover basic neuroanatomy, histology and neuropharmacology, and will introduce students to experimental and case-study approaches to studying neurosciences.

*Textbooks*

See School website

### PSYC3015

#### Personality and Intelligence 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Niko Tiliopoulos **Session:** Semester 1 **Classes:** Two 1 hour lectures and one 2 hour tutorial per week. **Prerequisites:** PSYC(2014 or 2114) and PSYC(2011 or 2111 or 2012 or 2112 or 2013 or 2113) **Assumed knowledge:** PSYC(2012 or 2112); PSYC(2013 or 2113) **Assessment:** One 2 hour exam; one 2000 word essay; tutorial quizzes.

The aim of this unit of study is to provide an overview of different perspectives on the construct of personality, intelligence, and metacognitive abilities to build a critical platform from which both empirical evidence and theoretical propositions can be evaluated. Two broad methodological approaches will be considered, compared, and contrasted in relation to cognitive and non-cognitive attributes and their potential overlap. (a) The individual differences approach to the study of personality and intelligence broadly defined which serves as the basis of much of contemporary psychological assessment in clinical, educational, and organizational settings and (b) the experimental approach to cognitive abilities which use experimental methods to study the information-processing components that underlie intellectual performance. Metacognitive abilities will be studied through differential psychology and decision-making paradigms.

*Textbooks*

See school website.

### PSYC3016

#### Developmental Psychology

**Credit points:** 6 **Teacher/Coordinator:** Dr Pauline Howie **Session:** Semester 2 **Classes:** Two 1 hour lectures and one 2 hour tutorial per week. **Prerequisites:** PSYC (2013 or 2113) and at least one other Intermediate Psychology unit from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2014 or 2114). **Prohibitions:** PSYC3206 **Assessment:** One 2 hour exam, one 2000 word report.

This unit examines various theoretical approaches to human development and selected issues within Developmental Psychology. The major issues/controversies in developmental theory are examined in relation to a number of the more influential theoretical approaches. Students are expected to gain an understanding of the main theoretical influences upon current developmental research and to be able to compare and contrast theories of development. The unit introduces students to a range of issues in selected areas of contemporary Developmental Psychology. Students are expected to gain knowledge of these areas, and to develop a critical approach to the analysis of current research and theoretical issues. They are also expected to apply their knowledge in practical exercises involving observations of children.

*Textbooks*

White, Hayes & Livesey (2005) Developmental Psychology. Pearson Edn.

### PSYC3017

#### Social Psychology

**Credit points:** 6 **Teacher/Coordinator:** Dr Lisa Zadro **Session:** Semester 1  
**Classes:** Two 1 hour lectures and one 2 hour tutorial per week. **Prerequisites:** PSYC (2013 or 2113) and at least one other Intermediate Psychology Unit of Study from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2014 or 2114).  
**Prohibitions:** PSYC3212 **Assumed knowledge:** PSYC (2012 or 2112).  
**Assessment:** One 2 hour exam, one 2500 word research report, tutorial presentation.

This unit continues the coverage of topics in Social Psychology begun in PSYC1001 and PSYC2013. The unit is divided into topic areas, where the emphasis is on evaluating theories and the relevant evidence. Topics areas include social relationships, antisocial behaviours, applied social psychology (effects of the physical environment on social behaviour; jury decision making), social cognition, leadership, and cross cultural psychology. Tutorials provide first hand experience of research by involving students in a range of research projects on the topics covered in the lectures. The tutorials also provide an opportunity for discussion of issues associated with these topics.

#### Textbooks

See School website.

### PSYC3018

#### Abnormal Psychology

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianna Szabo **Session:** Semester 1  
**Classes:** Two 1 hour lectures and one 2 hour tutorial per week. **Prerequisites:** PSYC (2014 or 2114) and at least one other Intermediate Psychology unit of study from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2013 or 2113). **Prohibitions:** PSYC3203 **Assumed knowledge:** PSYC2012 **Assessment:** One 2 hour exam, one 2000 word essay, quiz, tutorial presentation.

This unit of study critically examines core issues in Abnormal Psychology, concerning the description, explanation and treatment of psychological disorders. The unit of study will include topics such as:

- (a) Adult abnormal psychology: Anxiety disorders (specific phobias, panic disorder, generalised anxiety disorder, OCD); Addictive disorders (drug, alcohol, gambling); Eating disorders (anorexia nervosa, bulimia nervosa); Mood disorders (dysthymia, major depressive disorder, cyclothymia, bipolar disorder); Schizophrenia, Personality disorders.
- (b) Child abnormal psychology: Attention Deficit Hyperactivity disorder; Conduct disorder; Anxiety disorders, Depression.

#### Textbooks

See School website.

### PSYC3020

#### Applications of Psychological Science

**Credit points:** 6 **Teacher/Coordinator:** Dr Helen Paterson **Session:** Semester 2  
**Classes:** Two 1 hour lectures and one 2 hour tutorial per week **Prerequisites:** 12 credit points of junior psychology and 12 credit points in Intermediate

Psychology **Prohibitions:** PSYC3019 **Assessment:** One 2 hour examination and one 2500 word written assignment

The main focus of this unit will be on Health Psychology, but other applied areas such as Forensic and Organizational Psychology will also be introduced. The aim of the Health Psychology component is to define health within a biopsychosocial framework and to present some of the current issues in the area. It will provide an introduction to key areas in health psychology, and demonstrate how they relate to other disciplines. Issues such as the context within which treatment takes place, the psychosocial factors involved in dealing with physical disease, the application of psychological theory to illness and preparation for hospitalization, the management of adverse psychological sequelae arising from hospitalisation and rehabilitation will be considered. Also considered are the key models and theories in health Psychology which are seen by many to be the foundations of the subject area.

#### Textbooks

Morrison, Bennett, Butow, Mullan and White. An Introduction to Health Psychology: An Australian perspective. Pearson Education, Australia. 2007

### HPSC3023 Psychology & Psychiatry History & Phil

HPSC3023 Psychology & Psychiatry History & Phil can be counted towards a Psychology Major. Successful completion of this unit of study is essential for students intending to take the Theoretical Thesis option in Psychology Honours.

## Psychology Honours

### Prerequisites for admission

A Major in Psychology with a minimum Credit average or better across both the Intermediate and Senior Psychology. Units of Study comprising the 48 credit points of Intermediate and Senior Psychology Units that constitute the minimum required for the major. PSYC (3010 or 3201) must be included in the Senior Units. BPsych students should consult resolutions in chapter 6. School permission required. Due to restricted resources for research supervision, the intake to Psychology Honours will be limited to approximately 80 students and will be determined by academic merit in Intermediate and Senior Psychology.

### Assessment

Formal exams in Ethics and Issues in Psychology and in Research Methods; report of empirical research project; theoretical thesis or assessment in two Special Fields modules. Students are required to (a) devise, conduct and report upon an empirical research project (research area dependent on interests and specialities of staff members); (b) write a theoretical thesis or attend two Special Fields seminars and complete required assessment tasks; and (c) attend one lecture series in Ethics and Issues in Psychology and two series of lectures in Research Methods.

## Virology

Details for Virology units can be found under the Microbiology entry.

## 7. Degree regulations and policies

### Faculty of Education and Social Work

1. The degrees in the Faculty of Education and Social Work shall be:

- 1.1 Bachelor of Education (BEEd)
- 1.2 Bachelor of Social Work (BSW)
- 1.3 Bachelor of Teaching (BTeach)
- 1.4 Master of Teaching (MTeach)
- 1.5 Master of Education (Research) (MEd (Research))
- 1.6 Master of Education (MEd)
- 1.7 Master of Learning Science & Technology (MLS&T)
- 1.8 Master of Social Work (MSW)
- 1.9 Master of Social Work (International) (MSW (International))
- 1.10 Master of Philosophy in Social Work (MPhilSW)
- 1.11 Master of Philosophy in Education (MPhilEd)
- 1.12 Master of Policy Studies (MPS)
- 1.13 Doctor of Philosophy (PhD)
- 1.14 Doctor of Education (EdD)
- 1.15 Doctor of Social Work (DSW)
- 1.16 Doctor of Letters in Education (DLittEd)
- 1.17 Doctor of Letters in Social Work (DLittSW)

2. The degree of Bachelor of Education shall be awarded in the following fields and the certificates for the degrees shall state the respective specifications for which the degree has been awarded:

- 2.1 Bachelor of Education (Early Childhood)
- 2.2 Bachelor of Education (Primary Education)
- 2.3 Bachelor of Education (Secondary Education: Human Movement and Health Education)
- 2.4 Bachelor of Education (Secondary Education: Humanities and Social Sciences)/Bachelor of Arts
- 2.5 Bachelor of Education (Secondary Education: Science)/Bachelor of Science or Bachelor of Science (Advanced)
- 2.6 Bachelor of Education (Secondary Education: Mathematics)/Bachelor of Science or Bachelor of Science (Advanced Mathematics)
- 2.7 Bachelor of Education (Secondary Education: Humanities and Social Sciences)
- 2.8 Bachelor of Education (Secondary Education: Mathematics)
- 2.9 Bachelor of Education (Secondary Education: Science)
- 2.10 Bachelor of Education (Secondary Education: Design and Technology)
- 2.10 Bachelor of Education (Secondary)/Bachelor of Science (Psychology)
- 2.11 Bachelor of Education (Secondary)/Bachelor of Arts (Psychology)
- 2.12 Bachelor of Education (Secondary Education: Aboriginal Studies)

3. The degree of Master of Education may be awarded in the following designated areas of study:

- 3.1 Management and Human Resource Development.
- 3.2 Teaching English to Speakers of other Languages/Languages
- 3.3 Teaching and Curriculum Studies
- 3.4 Information Technology in Education
- 3.5 Special Education
- 3.6 Educational Psychology
- 3.7 English and Literacies in Education
- 3.8 Health Education
- 3.9 Research Methodology
- 3.10 Higher Education
- 3.11 International Education
- 3.12 Coach Education
- 3.13 Human Movement

4. The diplomas and certificates in the Faculty of Education and Social Work shall be:

- 4.1 Graduate Diploma in Educational Studies (GradDipEdStud)

- 4.2 Graduate Diploma in Learning Science and Technology (GradDipLS&T)
- 4.3 Graduate Diploma in Policy Studies (GradDipPS)
- 4.4 Graduate Diploma in Professional Studies (Education) (GradDipProfStud(Education))
- 4.5 Graduate Diploma in Social Work (GradDipSW)
- 4.6 Graduate Certificate in Educational Studies (GradCertEdStud)
- 4.7 Graduate Certificate in Human and Community Services (GradCertH&CS)
- 4.8 Graduate Certificate in Learning Science and Technology (GradCertLS&T)
- 4.9 Graduate Certificate in Policy Studies (GradCertPS)
- 4.10 Graduate Certificate in Teaching English as a Foreign Language (GradCertTEFL)

5. The Graduate Diploma and Graduate Certificate in Educational Studies may be awarded in the following designated areas of study:

- 5.1 Aboriginal Education
- 5.2 Educational Management and Leadership
- 5.3 Teaching English to Speakers of other Languages/Languages
- 5.4 Teaching and Curriculum Studies
- 5.5 Information Technology in Education
- 5.6 Special Education
- 5.7 Educational Psychology
- 5.8 English and Literacies in Education
- 5.9 Health Education
- 5.10 Research Methodology
- 5.11 Higher Education
- 5.12 International Education
- 5.13 Coach Education
- 5.14 Human Movement

### Resolutions of the faculty relating to the Bachelor of Education and Bachelor of Social Work and combined degrees

#### Course Rules

#### 1. Pass degree and degree with honours

- 1.1 The degree of Bachelor of Education shall be awarded in two grades, namely, the pass degree and the degree with honours.
- 1.2 The pass degree shall be in the pass grade only – provided that an outstanding candidate may be awarded the degree with merit according to Academic Board policy.
- 1.3 There shall be two classes of honours, namely, Class I and Class II and within Class II there shall be two divisions, namely division 1 and division 2.

#### 2. Progression within the degree

- 2.1 Professional experience is an essential requirement for all Bachelor of Education award courses.
- 2.2 A candidate shall not progress with their award course at the beginning of any year without successfully completing the required professional experience units of study for the previous year (refer 5.2 – Satisfactory progress).

#### 3. Units of study of enrolment undertaken in other faculties

- 3.1 A candidate for the degree who enrolls in accordance with these resolutions in a unit of study prescribed for a degree offered by the Faculties of Arts, Science or Economics and Business shall satisfy the prerequisites, corequisites and other requirements prescribed for such unit of study for that other degree.

#### 4. Transitional provisions

- 4.1 These resolutions shall apply to all persons enrolled as of 1 January 2006 in an undergraduate program of the Faculty of Education and Social Work; notwithstanding any resolutions in place at the time the candidate enrolled in the degree.



## Programs of study – pass degree

### Early Childhood Education

1. Except with the permission of the Faculty, a candidate for the degree in Early Childhood shall complete the following program of units of study:

#### 1.1 Year I

- 1.1.1 Junior units of study in Education, as specified in the Table of units of study, with a total value of 12 credit points; and
- 1.1.2 Junior units of study in Professional Studies in Early Childhood, as specified for Year 1 in the Table of units of study, with a total value of 24 credit points; and
- 1.1.3 Junior or First Year, 100 level, units of study comprising a full year of study in a subject area, 12 credit points, offered by a department or school within either of the Faculties of Arts, Science or Economics and Business.

#### 1.2 Year II

- 1.2.1 Senior, 200 level, units of study in Education taken as specified in the Table of units of study, 12 credit points; and
- 1.2.2 Program of 200 level units of study in Curriculum and Professional Studies in Early Childhood as specified in the Table of units of study, total of 24 credit points; and

#### 1.2.3 Either:

- 1.2.3.1 Senior, 200 level units of study, comprising a full year of study in a subject area, with total of 12 credit points, offered by a department or school within the Faculty of Arts; or
- 1.2.3.2 Intermediate units of study, comprising a full year of study in a subject area, total of 12 credit points, offered by a department or school within the Faculty of Science; or
- 1.2.3.3 Second Year units of study, comprising a full year of study in a subject area, total of 12 credit points, offered by a department or school within the Faculty of Economics and Business.

#### 1.3 Year III

- 1.3.1 Senior, 300 level, units of study in Education taken from those listed in the Table of units of study, including specified units, total of 12 credit points; and
- 1.3.2 Program of Senior, 300 level, units of study in Curriculum and Professional Studies in Early Childhood taken from those listed in the Table of units of study, including specified units, total of 36 credit points.

#### 1.4 Year IV

- 1.4.1 Senior, 300 level, units of study in Education taken from those listed in the Table of units of study, including specified units, total of 12 credit points; and
- 1.4.2 Program of Senior, 400 level, units of study in Curriculum and Professional Studies in Early Childhood taken from those listed in the Table of units of study, including specified units, total of 36 credit points.

### Primary Education

1. Except with the permission of the Faculty, a candidate for the degree in Primary Education shall complete the following program of units of study:

#### 1.1 Year I

- 1.1.1 Junior units of study in Education, as specified in the Table of units of study, with a total value of 12 credit points; and
- 1.1.2 Science Foundations 1 and Science Foundations 2;
- 1.1.3 Junior units of study in Professional Studies in Primary education, as specified for Year 1 in the Table of units of study, with a total value of 12 credit points; and
- 1.1.4 Junior or First Year, 100 level, units of study comprising a full year of study in a subject area, 12 credit points, offered by a department or school within either of the Faculties of Arts, Science or Economics and Business.

#### 1.2 Year II

- 1.2.1 Senior, 200 level, units of study in Education taken as specified in the Table of units of study, total of 12 credit points; and
- 1.2.2 Program of 200 level units of study in Curriculum and Professional Studies in Primary Education as specified in the Table of units of study, total value of 24 credit points; and

#### 1.2.3 Either:

- 1.2.3.1 Senior, 200 level units of study, comprising a full year of study in a subject area, total of 12 credit points, offered by a department or school within the Faculty of Arts; or
- 1.2.3.2 Intermediate units of study, comprising a full year of study in a subject area, total of 12 credit points, offered by a department or school within the Faculty of Science; or
- 1.2.3.3 Second Year units of study, comprising a full year of study in a subject area, total of 12 credit points, offered by a department or school within the Faculty of Economics and Business.

#### 1.3 Year III

- 1.3.1 Senior, 300 level, units of study in Education taken from those listed in the Table of units of study, including specified units, total of 12 credit points.
- 1.3.2 Program of Senior, 300 level, units of study in Curriculum and Professional Studies in Primary Education taken from those listed in the Table of units of study, including specified units, total of 36 credit points.

#### 1.4 Year IV

- 1.4.1 Senior, 300 level, units of study in Education taken from those listed in the Table of units of study, including specified units, total of 12 credit points;
- 1.4.2 Program of Senior, 400 level, units of study in Curriculum and Professional Studies in Primary Education taken from those listed in the Table of units of study, including specified units total of 36 credit points.

## Secondary Education

### Human Movement and Health Education

1. Except with the permission of the Faculty, a candidate for the degree in Secondary Education in the areas of human movement and health education shall complete the following program of units of study:

#### 1.1 Year I

- 1.1.1 Junior units of study in Education, as specified in the Table of units of study, total of 12 credit points; and
- 1.1.2 Sports Mechanics; 6 credit points and
- 1.1.3 Junior units of study in Professional Studies in Human Movement and Health Education, as specified for Year I in the Table of units of study, total of 18 credit points; and
- 1.1.4 Junior or First Year, 100 level, units of study comprising a full year of study in a subject area, total of 12 credit points, offered by a department or school in either of the Faculties of Arts, Science or Economics and Business.

#### 1.2 Year II

- 1.2.1 Senior, 200 level, units of study in Education taken as specified in the Table of units of study, total of 12 credit points; and
- 1.2.2 Program of 200 level units of study in Curriculum and Professional Studies in Human Movement and Health Education, as specified in the Table of units of study, total of 36 credit points;

#### 1.3 Year III

- 1.3.1 Senior, 300 level units of study in Education taken from those listed in the Table of units of study, including specified units, total of 12 credit points and
- 1.3.2 Program of Senior, 300 level, units of study in Curriculum and Professional Studies in Human Movement and Health Education as specified, in the Table of units of study, total of 36 credit points.

#### 1.4 Year IV

- 1.4.1 Senior, 400 level units of study in Education taken from those listed in the Table of units of study, total of 6 credit points for non Honours students; or
- 1.4.2 Senior, 400 level, units of study in Education taken from those listed in the Table of units of study, including specified units, total of 12 credit points for Honours students;
- 1.4.3 Program of 400 level units of study in Curriculum Professional Studies in Human Movement and Health Education, taken from those listed in the Table of units of study, including specified units, comprising a full year of study, total of 42 credit points for non Honours students; or
- 1.4.4 Program of 400 level units of study in Curriculum Professional Studies in Human Movement and Health Education, taken from those listed in the Table of units of study, including

specified units, comprising a full year of study, total of 36 credit points for Honours students.

### Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts Bachelor of Education (Secondary: Mathematics) and Bachelor of Science or Bachelor of Science (Advanced) Bachelor of Education (Secondary: Science) and Bachelor of Science or Bachelor of Science (Advanced)

- 1.1 Candidature for the degrees in the combined courses is full-time.
- 1.2 Candidates qualify for the award of the degrees in the combined course by completing 240 credit points.
- 1.3 Candidates may, after two years of candidature in the combined course, abandon the combined course and elect to complete the Bachelor of Arts or the Bachelor of Science in accordance with the Resolutions of Senate governing that degree.
- 1.4 Candidates will be under the supervision of the Faculty of Education and Social Work for the duration of the combined course. If a candidate elects to abandon the combined course and elects to complete the degree in the other Faculty, he/she will then be under the supervision of the other Faculty.
- 1.5 Candidates who qualified for either/or both of the degrees and who are otherwise qualified to do so may complete the degree with honours, according to the Resolutions of the Senate governing that degree.
- 1.6 The Deans of both Faculties shall jointly exercise authority in any matter concerning the combined course program not otherwise dealt with in the Resolutions of Senate or these Resolutions.

### Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts

1. **Year 1**
  - 1.1 Junior units of study in Education, as specified in the Education *Table of units of study*, total of 12 credit points; and
  - 1.2 Junior units of study offered by the Faculty of Arts, total of 12 credit points, in approved teaching area, selected from Arts *Table A or Table B*; and
  - 1.3 Junior units of study offered by the Faculty of Arts, total of 12 credit points, in approved teaching area, selected from Arts *Table A*; and
  - 1.4 Junior units of study offered by either of the Faculty of Arts, Science or Economics and Business, total of 12 credit points selected from *Table A or Table B*.
2. **Year II**
  - 2.1 Senior units of study in Education, as specified in the Education *Table of units of study*, total of 12 credit points; and
  - 2.2 Senior units of study, in Curriculum and Professional Studies in Secondary Education, as specified in the Education *Table of units of study*, total of 12 credit points; and
  - 2.3 Senior units of study, offered by the Faculty of Arts, total of 12 credit points, in selected teaching area from Arts *Table A*, being the major sequence; and
  - 2.4 Intermediate or Senior units of study, offered by either of the Faculties of Arts, Science or Economics and Business, total of 12 credit points in selected teaching area, being the minor sequence.
3. **Year III**
  - 3.1 Senior unit of study in Education as specified in the Education *Table of units of study*, total of 6 credit points; and
  - 3.2 Senior units of study in Curriculum and Professional Studies in Secondary Education, as specified in the Education *Table of units of study*, total of 30 credit points; and
  - 3.3 Senior units of study offered by the Faculty of Arts, in selected teaching area, from Arts *Table A*, being the major sequence, total of 12 credit points.
4. **Year IV**
  - 4.1 Senior 300 and 400 level units of study in Education, as specified in the Education *Table of units of study*, total of 12 credit points; and
  - 4.2 Senior units of study in Curriculum and Professional Studies in Secondary Education as specified in the Education *Table of units of study*, total of 24 credit points; and

- 4.3 Senior units of study, offered by the Faculty of Arts, in selected teaching area from Arts *Table A*, being the major sequence, total of 12 credit points.

#### 5. **Year V**

- 5.1 Senior units of study in Curriculum and Professional Studies in Secondary Education, as specified in the Education *Table of units of study*, total of 24 credit points; and
- 5.2 Senior units of study offered by the Faculty of Arts, to complete requirements for award of the Bachelor of Arts, total of 24 credit points.

### Bachelor of Education (Secondary: Mathematics) and Bachelor of Science

#### 1. **Special provisions**

- 1.1 A student may proceed concurrently to the degrees of Bachelor of Education and Bachelor of Science or Bachelor of Science (Advanced Mathematics).
- 1.2 No more than 60 credit points may be from Junior units of study.

#### 2. **Program of study**

##### 2.1 **Year I**

- 2.1.1 Junior units of study in Education, as specified in the *Table of units of study*, total of 12 credit points; and
- 2.1.2 Junior units of study in Mathematics, offered by the School of Mathematics and Statistics in the Faculty of Science, total of 12 credit points; and
- 2.1.3 Junior units of study offered by the Faculty of Science, total of 12 credit points, in an approved teaching area, selected from *Science Table 1*; and
- 2.1.4 Junior units of study offered by the Faculty of Science total of 12 credit points.

##### 2.2 **Year II**

- 2.2.1 Senior units of study in Education, as specified in the *Table of units of study*, total of 12 credit points; and
- 2.2.2 Senior units of study, in Curriculum and Professional Studies in Secondary Education, as specified in the *Table of units of study*, total of 12 credit points; and
- 2.2.3 Intermediate units of study, 12 credit points, in Mathematics and Statistics; and
- 2.2.4 Intermediate units of study offered by the Faculty of Science, total of 12 credit points, in the second approved teaching area selected from *Science Table 1*.

##### 2.3 **Year III**

- 2.3.1 Senior units of study in Education, selected from the *Table of units of study*, 6 credit points; and
- 2.3.2 Senior units of study in Curriculum and Professional Studies in Secondary Education taken from those listed in the *Table of units of study*, including specified units, total of 30 credit points; and
- 2.3.3 Senior units of study in Mathematics and Statistics, 12 credit points, offered by the Faculty of Science.

##### 2.4 **Year IV**

- 2.4.1 Two Senior, 300 level, units of study in Education selected from the *Table of units of study*, including specified units, total of 12 credit points; or
- 2.4.2 Senior units of study in Curriculum and Professional Studies in Secondary Education selected from the *Table of units of study*, including specified units, total of 24 credit points; and
- 2.4.3 Senior units of study in Mathematics and Statistics, 12 credit points, offered by the Faculty of Science.

##### 2.5 **Year V**

- 2.5.1 Curriculum and Professional Studies in Secondary Education, as specified in the *Table of units of study*, total of 24 credit points;
- 2.5.2 Senior or intermediate units of study, 24 credit points, to complete requirements for award of the Bachelor of Science (Mathematics).

#### 3. **Requirements for award**

- 3.1 To qualify for the award of the pass degree in an Advanced stream of the BSc degree, a student shall complete the requirements for the BSc degree according to these resolutions and those of the Faculty of Science and, in addition, and except with the permission of the Dean of the Faculty of Science:
  - 3.1.1 include at least 16 credit points of Intermediate units of study at either the Advanced level or as TSP units;



- 3.1.2 include at least 24 credit points of Senior units of study at the Advanced level or as TSP units in a single Science subject area; and
- 3.1.3 maintain in Intermediate and Senior units of study at the Advanced level in Science subject areas an average of 65 or greater in each year of enrolment.

## Bachelor of Education (Secondary: Science) and Bachelor of Science

### 1. Special provisions

- 1.1 A student may proceed concurrently to the degrees of Bachelor of Education and Bachelor of Science or Bachelor of Science (Advanced).

- 1.2 No more than 60 credit points may be from Junior units of study.

### 2. Program of study

#### 2.1 Year I

- 2.1.1 Junior units of study in Education, as specified in the *Table of units of study*, total of 12 credit points; and
- 2.1.2 Junior units of study in Mathematics, offered by the School of Mathematics and Statistics in the Faculty of Science, equivalent to 12 credit points; and
- 2.1.3 Junior units of study offered by the Faculty of Science, equivalent to 12 credit points, in an approved teaching area, selected from *Science Table 1*; and
- 2.1.4 Junior units of study offered by the Faculty of Science in an approved teaching area, equivalent to 12 credit points selected from *Science Table 1*.

#### 2.2 Year II

- 2.2.1 Senior, 200 level, units of study in Education, as specified in the *Table of units of study*, total of 12 credit points; and
- 2.2.2 Senior units of study, in Curriculum and Professional Studies in Secondary Education, as specified in the *Table of units of study*, total of 12 credit points; and
- 2.2.3 Intermediate units of study in the minor sequence, 12 credit points, offered by the Faculty of Science selected from *Science Table 1*; and
- 2.2.4 Intermediate units of study in the major sequence, 12 credit points, offered by the Faculty of Science selected from *Science Table 1*.

#### 2.3 Year III

- 2.3.1 Senior units of study in Education, selected from the *Table of units of study*, total of 6 credit points; and
- 2.3.2 Senior units of study in Curriculum and Professional Studies in Secondary Education, selected from the *Table of units of study*, including specified units, total of 30 credit points; and
- 2.3.3 Senior units of study in major sequence, total of 12 credit points, offered by the Faculty of Science, selected from *Science Table 1*.

#### 2.4 Year IV

- 2.4.1 Two Senior, 300 level, units of study in Education selected from the *Table of units of study*, including specified units, total of 12 credit points;
- 2.4.2 Senior units of study in Curriculum and Professional Studies in Secondary Education, selected from the *Table of units of study*, including specified units, total of 24 credit points; and
- 2.4.3 Senior units of study in the major sequence, total of 12 credit points, offered by the Faculty of Science, selected from *Science Table 1*.

#### 2.5 Year V

- 2.5.1 Curriculum and Professional Studies in Secondary Education as specified in the *Table of units of study*, 24 credit points; and
- 2.5.2 Senior or intermediate units of study, 24 credit points, in the major sequence, to complete requirements for award of the Bachelor of Science (Science).

### 3. Requirements for award

- 3.1 To qualify for the award of the pass degree in an Advanced stream of the BSc degree, a student shall complete the requirements for the BSc degree according to these resolutions and those of the Faculty of Science and, in addition, and except with the permission of the Dean of the Faculty of Science:

- 3.1.1 include at least 16 credit points of Intermediate units of study at either the Advanced level or as TSP units;
- 3.1.2 include at least 24 credit points of Senior units of study at the Advanced level or as TSP units in a single Science subject area; and

- 3.1.3 maintain in Intermediate and Senior units of study at the Advanced level in Science subject areas an average of 65 or greater in each year of enrolment.

## Requirements for award of the Bachelor of Education with honours

### 1. Requirements for the award of the Bachelor of Education with honours

- 1.1 To qualify to enrol in the honours program candidates shall have a WAM (weighted average mark) of at least 70, averaged across 48 credit points of study excluding junior units of study and professional experience units.
- 1.1.1 In exceptional cases the Faculty may admit a student with a WAM of 65 or higher.
- 1.2 Candidates shall enrol in specified units of study as set out in the *Table of Units of study*.
- 1.3 Candidates shall complete the requirements for the honours program full-time over two consecutive semesters.
- 1.4 Candidates who fail or discontinue the honours program may not re-enrol in it, except with the approval of the Delegated Faculty Officer.
- 1.5 The honours program shall be assessed, at least in part, by a dissertation of 10,000 words.
- 1.6 The faculty, on the recommendation of the Board of Examiners, or the Delegated Faculty Officer, will determine the class of honours.

### 2. Award of the degree

- 2.1 In accordance with Academic Board policy, the honours degree of the Bachelor of Education shall be awarded to eligible candidates with the following grades:
- 2.1.1 Honours class I (with an HWAM of at least 75%); or
- 2.1.2 Honours class II, Division I (with an HWAM of at least 70); or
- 2.1.3 Honours class II, Division II (with an HWAM of at least 65).
- 2.2 Honours students who have maintained an outstanding academic record throughout the degree and who have achieved Honours Class I, may be eligible for the award of a university medal, in accordance with Academic Board policy and on nomination by the Faculty with the recommendation of the Board of Examiners.
- 2.3 A candidate for the honours program who does not meet the requirements for award of honours shall be awarded the Bachelor of Education pass degree in their designated course.
- 2.4 The testamur for the Bachelor of Education shall specify the course completed in order to qualify for the award, as well as the class of honours achieved, if any, and the medal, if awarded.

## Bachelor of Social Work

### 1. Requirements for the pass degree

#### 1.1 Year 1

- 1.1.1 Junior units of study in Sociology as specified in the Social Work *Table of units of study*, total of 12 credit points; and
- 1.1.2 Junior units of study selected from those offered by the Faculty of Arts, total of 36 credit points.

#### 1.2 Year II

- 1.2.1 Senior units of study in Sociology as specified in the Social Work *Table of units of study*, total of 6 credit points; and
- 1.2.2 Senior unit of study in Aboriginal Studies as specified in the Social Work *Table of units of study*, total of 6 credit points; and
- 1.2.3 Senior units of study in Social Work as specified in the Social Work *Table of units of study*, total of 18 credit points;
- 1.2.4 Intermediate units of study in Psychology as specified in the Social Work *Table of units of study*, total of 12 credit points; and senior unit of study as specified in the Social Work *Table of units of study*, total of 6 credit points; and
- 1.2.5 Senior units of study offered by the Faculty of Arts, total of 18 credit points.

#### 1.3 Year III

- 1.3.1 Senior units of study in Social Work as specified in the Social Work *Table of units of study*, total of 24 credit points; and
- 1.3.2 Field Education 1 consisting of not fewer than 60 days and such attendance at classes as may be prescribed by the Faculty (24 credit points).



#### 1.4 Year IV

- 1.4.1 Senior units of study in Social Work as specified in the Social Work *Table of units of study*, total of 24 credit points; and
- 1.4.2 Field Education consisting of not fewer than 80 days and such attendance at classes as may be prescribed by the Faculty (24 credit points).

#### 2. Progression rules

- 2.1 A candidate shall proceed according to the following progression rules:
  - 2.1.1 Except with the permission of the Faculty, a candidate shall not commence the third year without having obtained 96 credit points as outlined in the Social Work *Table of units of study*.
  - 2.1.2 A candidate shall not attempt Field Education 1 without having obtained 120 credit points and having been approved as being ready to undertake field education.
  - 2.1.3 A candidate shall not attempt the fourth year without having obtained 144 credit points.
  - 2.1.4 A candidate shall not attempt Field Education 2A and 2B without having obtained 153 credit points.
  - 2.1.5 A candidate shall not attempt IBL unit 4 without having obtained 177 credit points.
  - 2.1.6 A candidate shall not attempt Integrative Studies 402 without having obtained 186 credit points.

#### Combined Arts/Social Work course

- 1. To qualify for the award of the degrees students must complete 240 credit points in total from the Faculty of Arts *Table of units of study* and the units of study prescribed for the third and fourth years of the Bachelor of Social Work, including:
  - 1.1 48 Junior credit points from the Faculty of Arts *Table of units of study*, including 12 Junior credit points of Sociology (units coded SCLG);
  - 1.2 a minimum of 66 Senior credit points from Part A of the Faculty of Arts *Table of units of study*, including a major. A Faculty of Arts major consists of 36 Senior credit points in a single subject area, or cross-listed between subject areas, as outlined in *Section 4* The major and cross-listing;
  - 1.3 12 Senior credit points of Sociology (SCLG), as may be specified by the Coordinator of the combined degree program, and which may be included in the total of Senior credit points used to satisfy the requirements of 1.2;
  - 1.4 12 Intermediate credit points of Psychology (PSYC), as may be specified by the Coordinator of the combined degree program; or Psychology for Social Work 201 and 202;
  - 1.5 6 Senior credit points of Aboriginal Studies as may be specified by the Coordinator of the combined degree program;
  - 1.6 96 credit points from the units of study prescribed for the third and fourth years of the Bachelor of Social Work.
- 2. On written application to the Faculty of Arts, a student may abandon their candidature in the combined degree program and elect to transfer to the Bachelor of Arts degree in accordance with the Resolutions governing that degree at the time of transfer.
- 3. Candidates in the combined degree program will be under the general supervision of the Faculty of Arts until the end of the semester in which they complete the requirements for the award of the Bachelor of Arts degree.
- 4. After that they will be under the general supervision of the Faculty of Education and Social Work and will then complete the remaining requirements for the Bachelor of Social Work in accordance with the resolutions for that degree.
- 5. The Dean of the Faculty of Arts and the Dean of the Faculty of Education and Social Work shall jointly exercise authority in any matter concerning the combined degrees program not otherwise dealt with in these resolutions and/or in the General Faculty of Arts Resolutions relating to undergraduate degrees and combined degrees.

#### Honours course for Bachelor of Social Work

- 1. **Requirements for the award of the Bachelor of Social Work with Honours**
  - 1.1 To qualify to enrol in the Honours program, students shall have a WAM (weighted average mark) of at least 70, averaged across 48 credit points comprising 24 credit points in semester 1 of year 3 and 24 credit points of compulsory units of study in year 2.

- 1.1.1 Eligibility to apply for the Honours program for candidates entering the BSW in the third year under the accelerated entry provisions will be based on a WAM of at least 70 for units of study in semester 1 of the 3rd year of the BSW.
- 1.2 For eligible candidates, entry to the honours program will be competitive.
- 1.3 Availability of places in the Honours program will be determined on the availability of suitable research projects.
- 1.4 Candidates in the Honours program shall enrol in the specified units of study as set out in the *Table of units of study* in second semester of year 3 and second semester of year 4 of the BSW.
- 1.5 The Honours program shall be assessed, at least in part, by a dissertation.
- 1.6 The faculty, on the recommendation of the Board of Examiners or the Delegated Faculty Officer, will determine the class of honours.
- 2. **Award of the degree**
  - 2.1 In accordance with Academic Board policy, the honours degree of the Bachelor of Social Work shall be awarded to eligible candidates with the following grades:
    - 2.1.1 Honours class I (with a HWAM of at least 75%) or
    - 2.1.2 Honours class II, Division I (with a HWAM of at least 70%) or
    - 2.1.3 Honours class II, Division II (with a HWAM of at least 65%)
  - 2.2 Honours students who have maintained an outstanding academic record throughout the degree and who have achieved Honours Class I, may be eligible for the award of a university medal, in accordance with Academic Board policy and on nomination by the Faculty with the recommendation of the Board of Examiners.
  - 2.3 Candidates in the Honours program who achieve a WAM of less than 65% shall be awarded the Bachelor of Social Work pass degree.

#### Aboriginal Studies

- 1. **Eligibility for admission**
  - 1.1 The Faculty may admit to candidature for the degree an Aboriginal or Torres Strait Islander person who:
    - 1.1.1 is qualified for the award of the Diploma in Education (Aboriginal) of The University of Sydney, or
    - 1.1.2 has completed other qualifications deemed by the Faculty to be equivalent.
- 2. **Requirements for the degree**
  - 2.1 Candidates qualify for award of the degree by completing successfully units of study giving credit for a total of 96 credit points.
  - 2.2 Except with the permission of the Faculty, a candidate for the degree in Aboriginal Studies shall complete the program of units of study as set out in the *Table of units of study*.
- 3. **Time limits**
  - 3.1 Unless otherwise permitted by the Faculty, a candidate shall complete all the requirements for award of the degree within four calendar years of admission or re-admission to candidature.
  - 3.2 A candidate who has completed 96 credit points and elects to graduate with the Diploma in Education (Aboriginal) may not enrol in the Bachelor of Education (Secondary: Aboriginal Studies).

#### Faculty Rules

#### Policies on enrolment

- 1. **Enrolment in more/less than minimum load**
  - 1.1 A candidate may not enrol in more than a total of 48 credit points, which must be junior credit points, in the first two semesters of study, unless advanced standing or credit has been granted to permit enrolment in senior units.
  - 1.2 Except with the permission of the Faculty, candidates for the degree may not enrol in additional units of study once the degree requirements, as stated in the resolutions relating to the particular course, have been satisfied.
- 2. **Repeating a unit of study**
  - 2.1 Where a student enrolls in a unit of study offered by the Faculty of Education and Social Work which is the same as, or has a substantial amount in common with, a unit of study previously attempted but not completed at the grade of Pass or better, the Faculty may exempt the student from certain requirements

- of the unit of study if satisfied that the relevant competence has been demonstrated.
- 2.2 A student who has been awarded a Pass (Concessional) in a unit of study may repeat that unit, but if subsequently awarded a grade of Pass or better, no further credit points will be gained unless the unit of study previously had not been credited to the degree of Bachelor of Education or Bachelor of Social Work or, in respect of a combined degree, under resolutions relating to the Bachelor of Science or the Bachelor of Arts.
- 2.3 A student who has already passed a unit of study which has been credited to the course may not re-enrol in it in order to gain a better grade.
- 3. Cross-institutional study**
- 3.1 Provided that permission has been obtained in advance, the Faculty may permit a student to complete a unit of study at another institution and have that unit credited to his/her course requirements provided that either:
- 3.1.1 the unit of study content is material not taught in any corresponding unit of study in the University; or
- 3.1.2 the student is unable, for good reason, to attend a corresponding unit of study at the University.
- 4. Restrictions on courses of enrolment**
- 4.1 The Faculty of Education and Social Work has prescribed the following courses as mutually exclusive in satisfying the requirements for award of the degree:
- 4.1.1 Life sciences mathematics A and Life sciences mathematics B (with normal units of junior Mathematics in Year 1);
- 4.1.2 and Economics 1001, 1002 with Economics as a social science (ECOP1001) and Structure and change in modern economics (ECOP1002).
- 4.2 Except with the permission of the Faculty, candidates for the degree shall not:
- 4.2.1 enrol in more than 48 credit points each year;
- 4.2.2 proceed to the units of study prescribed for Year III until the candidate has fulfilled the requirements of Years I and II.
- 4.3 Except with the permission of the Faculty a candidate may not take a higher unit of study in any unit of study without having previously completed the lower unit(s) of study in the same unit of study or some other unit(s) of study allowed by the Faculty to count as equivalent.
- 5. Satisfactory progress**
- 5.1 If a candidate for the degree fails or discontinues enrolment in one unit of study twice, the candidate may be asked to show good cause why he or she should be permitted to re-enrol in that unit of study.
- 5.2 The Faculty reserves the right not to place a student in a school or other professional experience setting for practicum in any instance where the performance, personal or professional conduct of the student does not meet the required standard, regardless of the fact that the student may be enrolled in the practicum.
- 5.2.1 Teachers and Principals are accountable to parents and school systems to provide quality learning opportunities and outcomes for pupils and they need to be confident that any student teachers placed under supervision in their schools can support and maintain teaching programs and standards.
- 5.2.2 Social work agencies are similarly accountable for their quality of service and need to be confident that any student placed under their supervision can meet all agency expectations in terms of performance and personal and professional conduct.
- 5.3 If a candidate for the degree fails to pass a minimum of 50 percent (equivalent to 24 credit points) of the program of enrolment in each of any two consecutive years of candidature he or she shall be deemed not to have made satisfactory progress in the degree.
- 6. Credit transfer policy**
- 6.1 A candidate who has completed work or a unit(s) of study towards a degree at this or another university, or towards an equivalent qualification at an appropriate institution, or as a non-award student, may be granted credit towards the degree of Bachelor of Education or the Bachelor of Social Work for up to half of the overall coursework requirements (96 credit points) provided that the content of the work or unit(s) of study is considered by the Faculty on the recommendation of the head of the school or department concerned to be equivalent to a unit(s) of study prescribed in section 1.
- 6.2 A candidate granted credit toward the degree under Section 6.1 shall:
- 6.2.1 count towards the degree all units of study so credited subject to the provisions of these resolutions;
- 6.2.2 not count toward the degree any unit(s) of study completed subsequently within the University of Sydney which overlaps substantially in content with the work or unit(s) of study upon which grant of credit was based;
- 6.2.3 complete all necessary qualifying units of study for the degree within such period of time and such number of years of candidature as the Faculty may determine having regard to the number of units of study credited, the length of time over which the unit(s) of study concerned were completed and the time limits for the completion of the degree prescribed under these resolutions.
- 6.3 Credit may be granted as specific or specified credit if the unit of study is considered to be directly equivalent to a unit of study in the *Table of units of study* for the Bachelor of Education or, *Table of units of study* for the Bachelor of Social Work or, in the case of the combined degrees, equivalent to a unit of study available for one of the degrees, or as non-specific or non-specified credit.
- 6.4 Unless otherwise permitted by Faculty a candidate shall not be granted credit towards the degree for or on the basis of any unit(s) of study:
- 6.4.1 completed more than five years prior to admission or re-admission to candidature for Bachelor of Education or combined Education students, and in the case of social work students, nine years;
- 6.4.2 equivalent to more than 48 credit points upon which the candidate has relied or intends to rely in order to satisfy requirements for award of another degree or qualification.
- 6.5 A Social Work student will not be granted credit for field education or work experience.
- 6.6 A citizen or permanent resident of Australia who holds a social work qualification obtained in a country other than Australia and which has been assessed by the National Office of Overseas Skills Recognition or the Australian Association of Social Workers as being equivalent to three years of full-time tertiary degree level social work study in Australia, may be admitted to the fourth year.
- 7. Time limits**
- 7.1 Unless otherwise permitted by Faculty a candidate shall complete all the requirements for award of the degree within eight calendar years of admission or re-admission to candidature.
- 8. Suspension of candidature**
- 8.1 Unless suspension of candidature has been approved by Faculty, a candidate for the degree is required to re-enrol each calendar year.
- 8.2 Except where the Faculty determines otherwise in any particular case, a candidate who re-enrols after a suspension of candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment.
- 9. Lapse of candidature**
- 9.1 Unless the Faculty otherwise determines in any particular case, candidature for the degree will be deemed to have lapsed if a candidate has:
- 9.1.1 not completed all the requirements for award of the degree in accordance with resolutions; or
- 9.1.2 not re-enrolled for the degree as required in accordance with resolution 8.
- 9.2 A candidate whose candidature has been deemed to have lapsed in accordance with section 9.1 shall not re-enrol as a candidate for the degree unless again selected for admission.
- Policies on variation, withdrawal and discontinuation of enrolment**
- Candidates wishing to change a unit of study in which they have enrolled should do so through the Intranet at University Student Administration Services website or at the Faculty of Education and Social Work Office by Wednesday 31 March 2010 for Semester 1 and Tuesday 31 August 2010 for Semester 2.
- 1. Enrolment**
- 1.1 Students are responsible for seeking academic advice about enrolment and checking the Confirmation of Enrolment advice mailed to them each semester. Any anomalies must be reported

- to the Faculty of Education and Social Work Office staff prior to the HECS Census Date.
- 1.2 Students who are not enrolled in a unit of study may not carry over results to subsequent semesters.
  - 1.3 Candidates who fail to complete units of study in which they enrol receive one of four results: 'Withdrawn', 'Discontinued – Not to count as failure', 'Discontinued – Fail' or 'Absent Fail'.
- 2. Withdrawal**
- 2.1 This is the same as if the candidate had not enrolled in the unit of study concerned. Although the University has a record of the withdrawal, the unit of study and result will not appear on the official transcript of academic record.
  - 2.2 In order to have a unit of study enrolment recorded as 'withdrawn', students must vary their own enrolment on the Web or notice must be given by the candidate to the Faculty of Education and Social Work Office on or before the deadline. For Semester 1 or Full Year units of study the deadline is Wednesday 31 March 2010; for Semester 2 units of study the deadline is Tuesday 31 August 2010.
- 3. Discontinued – not to count as failure**
- 3.1 This does not count as an attempt at the unit of study, but does appear on the candidate's academic record.
  - 3.2 After the deadline for withdrawal has passed a candidate may have enrolment recorded as 'discontinued with permission' where:
    - 3.2.1 evidence is produced of serious illness or misadventure; or
    - 3.2.2 notice is given to the Faculty of Education and Social Work Office on or before the deadline.
- 3.3 The deadlines for discontinuation with permission without having to produce evidence of serious illness or misadventure are:
- 3.3.1 for Semester 1 units of study the deadline is Friday 23 April 2010;
  - 3.3.2 for Semester 2 units of study the deadline is Friday 10 September, 2010.
- 4. Discontinued – fail**
- 4.1 This counts as an unsuccessful attempt at the unit of study concerned and appears on the candidate's academic record.
  - 4.2 Except with Faculty permission, candidates may not repeat a unit of study which they have failed or discontinued more than once.
  - 4.3 In order to have 'discontinued' recorded, notice must be given to the Faculty of Education Office on or before the last day of lectures for the unit of study:
    - 4.3.1 for Semester 1 units of study the deadline is Friday 4 June 2010;
    - 4.3.2 for Semester 2 units of study the deadline is Friday 29 October 2010.
  - 4.4 If a candidate misses the deadline and does not sit the final examination, the result recorded is 'absent fail'.
- Information for Students on Policies, Procedures and Style Guide for Faculty of Education and Social Work (*The Little Blue Book*) (PDF), can be found at the following website:  
[http://www.edsw.usyd.edu.au/current\\_students/policies/faculty.shtml](http://www.edsw.usyd.edu.au/current_students/policies/faculty.shtml)



## 8. Bachelor of Teaching and Master of Teaching

### Introduction to the course

The Bachelor of Teaching and associated Master of Teaching is a graduate entry degree in teacher education for prospective teachers who already hold an undergraduate degree.

The Bachelor of Teaching comprises three semesters of coursework including practicums. Students may exit the program after three semesters with a Bachelor of Teaching (BTeach) or choose to continue to the Master of Teaching (MTeach), which is an additional fourth semester comprising a one-term internship, an action research project and a post-internship conference.

The degree is available in three integrated streams:

- Early Childhood (0-5 yrs)
- Primary (K-6)
- Secondary (7-12)

Admission is on the basis of an appropriate undergraduate degree which together with the BTeach or MTeach provides a professional teaching qualification. Graduates will be eligible to seek accreditation with the NSW Institute of Teachers.

The BTeach/MTeach course is founded on a philosophy which values motivation, scholarly reflection, collaborative learning, practitioner research and commitment to lifelong learning and professional development.

The BTeach/MTeach program is designed to prepare graduates who have a knowledge and understanding of, and developing critical competencies in:

1. the nature of contemporary education in the contexts of the child, the school, the community, and the profession
2. the professional roles and responsibilities of teachers, and
3. the teaching of their chosen subject disciplines.

The program is grounded in the principles of:

- case study and problem-based approaches to teaching and learning
- collaborative learning
- reflective and meta-cognitive approaches to teaching and learning
- constructiveness learning theories
- lifelong learning and ongoing professional development
- scholarly and practitioner research and research-led teaching.

### Bachelor of Teaching

The Bachelor of Teaching program consists of the following components:

1. Core Education units
2. Curriculum method units
3. Professional Experiences program
4. Honours program (optional)

In the core education units students will address the nature and practice of contemporary schooling, teaching and learning and the contexts within which they occur. Units include *Introduction to Teaching and Learning*, *Teachers and Learners: School Communities* and *Schools in their Communities*.

Students also undertake *Information Technology in Education* and *Special Education* which address mandatory areas of study required of all beginning teachers.

### Primary Stream

*Program Director:*

Dr Tony Loughland

Phone: +61 2 9351 6341

Fax: +61 2 9351 6307

Email: [aloughland@usyd.edu.au](mailto:aloughland@usyd.edu.au)

As well as undertaking the core education units of study, students enrolled in the Primary stream of the program will undertake curriculum method units which address the K-6 Key Learning Areas (KLAs).

The schedule of studies for the primary stream of the Bachelor of Teaching is as follows:

#### Year 1

48 credit points comprising:

- Introduction to Teaching & Learning
- Teachers and Learners: School Communities
- Information Technology in Education
- Professional Experiences 1 (incl 5 week practicum)
- English 1 K-6
- Mathematics 1 K-6
- Teaching in Multilingual Classroom
- Human Society and its Environs K-6
- Creative Arts K-6
- Science & Technology K-6
- Personal Development, Health & Physical Education K-6
- Special Interest Unit 1 or Honours 1

#### Year 2

24 credit points comprising:

- Schools and their Communities
- Special Education: Inclusive Schools
- Professional Experiences 2 (incl 4 weeks practicum)
- English 2 K-6
- Mathematics 2 K-6
- Linkages Across the Curriculum
- Special Interest Unit 2 or Honours 2

### Secondary Stream

*Program Director:*

Dr Lesley Scanlon

Phone: +61 2 9351 6380

Fax: +61 2 9351 4580

Email: [l.scanlon@edfac.usyd.edu.au](mailto:l.scanlon@edfac.usyd.edu.au)

As well as undertaking the core education units of study, students who wish to become secondary school teachers must complete either two 'single' method teaching areas or one 'double' method teaching area from those offered by the Faculty for which they meet the entry requirements. Curriculum method studies are conducted over three semesters of the Bachelor of Teaching.

The schedule of studies for the Secondary stream of the Bachelor of Teaching is as follows:

#### Year 1

48 credit points comprising:

- Introduction to Teaching & Learning
- Teachers and Learners: School Communities
- Information Technology in Education
- Two Professional Studies Options units
- Curriculum Method units 1 and 2 in chosen teaching area(s)



## 8. Bachelor of Teaching and Master of Teaching

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- Professional Experiences 1 (incl 5 week practicum)
- Honours 1 (optional)

### Year 2

24 credit points comprising:

- Schools and their Communities
- Special Education: Inclusive Schools
- Curriculum Method unit 3 in chosen teaching area(s)
- Professional Experiences 2 (incl 4 week practicum)
- Honours 2 (optional)

## School Counselling

### Course Coordinator:

Dr Susan Colmar

Phone: +61 2 9351 6265

Fax: +61 2 9351 2606

Email: s.colmar@edfac.usyd.edu.au

Students with a background in psychology who have been accepted into the School Counselling program of the BTeach/Mteach complete the following units:

- Core Education units
- Professional Experiences 1 & 2
- School Psychology units 1, 2 and 3
- Professional Studies (Psychology) 1 and 2
- Curriculum units in one chosen teaching area

In order to be qualified as a secondary school teacher, school counselling students must also study a teaching area curriculum method chosen from those offered by the Faculty for which they meet the entry requirements.

## Early Childhood Stream

### Coordinator:

Dr Jean Ashton

Phone: +61 2 9351 6316

Fax: +61 2 9351 2606

Email: j.ashton@edfac.usyd.edu.au

The Early Childhood stream of the degree allows students to become qualified as a teacher in early childhood education (birth to five years) and care settings prior to primary school entry.

The schedule of studies for the Early Childhood stream of the Bachelor of Teaching is as follows:

### Year 1

48 credit points comprising:

- Two units of Teaching and Learning in Early Childhood
- Language Arts in Early Childhood
- Mathematics in Early Childhood
- Early Childhood Settings and Communities
- Early Childhood Protective Environments (incorporating Child Protection)
- Creative Arts in Early Childhood
- Health and Wellness in Early Childhood
- Science in Early Childhood
- Diversity and Inclusion in Early Childhood
- Early Childhood Professional Experience 1 (incl 5 week practicum)

### Year 2

24 credit points comprising:

- Sociocultural Learning in Early Childhood
- Curriculum Development and Models in Early Childhood
- Administration in Early Childhood
- Partnering with Families in Early Childhood Settings
- Early Childhood Professional Experience 2 (incl 4 week practicum)
- Special Interest Unit 2 or Honours 2

## Honours

### Coordinator:

Prof Gabrielle Meagher

Phone: +61 2 9351 6610

Fax: +61 9351 2606

Email: g.meagher@edfac.usyd.edu.au

The purpose of the Honours program is to introduce high-achieving candidates to educational research and to provide an opportunity for candidates to undertake a research-based special study as part of their course in the Master of Teaching. Honours is not available for those exiting the program with the BTeach.

Entry into the Honours program in the Master of Teaching is limited by quota, with selection for entry taking place at the end of semester one in 1st Year. Enrolment in Honours units of study in 2nd Year will be contingent upon the satisfactory completion of all 48 credit points of enrolment in the 1st Year program in the course, and a credit or above grade in the assessment of the Honours Preliminary coursework in semester 2 of 1st Year.

The following units of study are associated with the Honours program:

- Honours 1 (2nd semester, 1st year)
- Honours 2 (1st semester, 2nd year)
- Honours Special Study (completed as part of the Master of Teaching)

## Master of Teaching

Students who successfully complete the Bachelor of Teaching and opt to continue on to complete Masters qualification undertake the following units for the Master of Teaching:

- Internship (9 weeks)
- Action Research Project and Post Internship Conference, or
- Honours Special Study (for honours students only)

## Bachelor of Teaching / Master of Teaching units of study

### Bachelor of Teaching

#### Core Education - Year 1

##### EDBT5500

###### Introduction to Teaching and Learning

**Credit points:** 7 **Teacher/Coordinator:** Dr Tony Loughland **Session:** Semester 1 **Classes:** 3 hrs per wk for 13 wks **Assessment:** 1 x 2000 wd essay and 2 x 2500 wd essays

This unit of study provides an introduction to issues concerning teaching, learning, the curriculum and the psychological, philosophical, sociological and political aspects of education. This unit provides the theoretical and contextual framework for the other units of study in this program by providing students with opportunities for critical reflection on the nature and purpose of schools, schooling and the educational process in general.

##### EDBT5501

###### Information Technology in Education

**Credit points:** 3 **Teacher/Coordinator:** Vilma Fyfe **Session:** Semester 1 **Classes:** large group lectures 3 x 1hr. Tutorials 8 x 1.5 hrs. **Assessment:** 1 assignment, 1 practical examination

Information Technology in Education (MITE) explores current practices of information and communication technologies (ICT) and how these technologies impact on teaching and learning. This unit of study will provide students with knowledge and skills needed for planning and managing successful learning and teaching through integration of information and communication technologies into curriculum areas; and will facilitate the development of graduate teachers attributes specified by the NSW Institute of Teachers key stage for graduate teachers. The emphasis will be on how innovative use of ICT can support teaching and learning process. Through lectures and readings, students will gain understanding of theories underpinning ICT integration, and be aware of possibilities and ICT resources that will engage students in purposeful learning activities both in and outside the classroom. Through hands-on experiences, students will be provided with opportunities to learn some basic operational and information technology skills, and learn how a number of ICT tools may be used for planning, assessing and reporting effective learning to foster interest, creativity and support student's learning.

##### EDBT5502

###### Teachers & Learners: School Communities

**Credit points:** 6 **Teacher/Coordinator:** Nicole Brunker **Session:** Semester 2 **Classes:** seminar 2 x 2 hrs per wk x 8 wks, large grp lec 1 x 2 hrs per wk x 8 wks **Prerequisites:** EDBT5500 **Corequisites:** EDBT5503 **Assessment:** Group presentation, 1 x 3000 wd portfolio

This unit is divided into two themes: Managing the Learning Community and Enhancing the Learning Community, which are separated by the first professional experience block session. The first theme focuses on preparation for your work as a teacher in a classroom. The second section provides opportunities to begin to refine your practice by critical reflection on your teaching experiences, through the writing on your teaching experiences, and through the writing and subsequent discussion of case stories or narratives.

##### EDBT5503

###### Professional Experiences 1

**Credit points:** 4 **Teacher/Coordinator:** Dr Di Bloomfield **Session:** Semester 1, Semester 2 **Classes:** block session (25 days) **Prerequisites:** EDBT5500 AND one of: EDBT5602, EDBT5604, EDBT5605, EDBT5606, EDBT5607, EDBT5608, EDBT5609, EDBT5610, EDBT5611, EDBT5613, EDBT5615, EDBT5617, EDBT5619, EDBT5620, EDBT5622, EDBT5623; OR EDBT5500 and EDBT5532 and EDBT5531 **Assessment:** Satisfies Requirements/Fail

*Note: Department permission required for enrolment in the following sessions: Semester 1.*

Students undertake their first Professional Experience of 25 days in a secondary or primary school (depending on the program they are enrolled in). During the practicum students are assigned to one or more Cooperating Teachers in a single discipline area (or in Primary) and will be responsible for teaching one or more classes for a total of between 10 and 14 lesson periods per week. The Cooperating Teachers will closely support their work in the school and in discussion with the Tertiary Mentor will be responsible for writing the report on the Professional Experience that will form the basis of the assessment in the enrolled unit of study. Assessment is aligned with the NSW Institute of Teachers Professional Teaching Standards for the Graduate Teacher.

##### EDBT5504

###### Educational Workplace Practices

**Credit points:** 4 **Session:** Semester 1, Semester 2

*Note: Department permission required for enrolment.*

This unit is not part of the normal program structure. It is ONLY offered as an alternate unit of study for students who have failed Professional Experiences 1, and/or intend to take out the Graduate Diploma in Professional Studies (Education).

#### Core Education - Year 2

##### EDBT6500

###### Schools and their Communities

**Credit points:** 5 **Teacher/Coordinator:** Dr Helen Proctor **Session:** Semester 1 **Classes:** 9 x 1 hr lecs, 9 x 2 hr tuts **Prerequisites:** EDBT5500 Introduction to Teaching and Learning; EDBT5502 Teachers and Learners in Schools **Assessment:** 1 x 2000 wd essay, professional portfolio

Students prepare for their second professional experience by examining their level of professional attainment through completing a graduate teacher portfolio in the first seven weeks of semester in this unit. They then construct an action-learning proposal based on an area of practice that needs refinement within the context of their 20-day professional experience. This proposal writing prepares the students for the action-learning proposal that they complete as part of their internship in the fourth and final semester.

##### EDBT6125

###### Special Education: Inclusive Schools

**Credit points:** 3 **Teacher/Coordinator:** Dr David Evans **Session:** Semester 1a **Classes:** 1 hr lec wks 1 - 6, 1 hr tut wks 1 - 6 **Prerequisites:** EDBT5500 and EDBT5502 and EDBT5503 **Assessment:** Fieldwork report (1250 wds, including 15 hr fieldwork/school placement), inclusion statement (350 wds), tutorial presentation (equiv. 500 wds) and behaviour management statement (400wds)

This unit addresses mandatory requirements to be met by every graduate pre-service teacher. Issues relating to the education of students with a disability will be addressed through working with a student/s with a disability or learning difficulty, conducting tutorials that highlight evidence-based practices for working with students with special education needs, and engaging in lectures and seminars that promote attitudes, knowledge and beliefs that students with disabilities will access and participate in quality education programs.

##### EDBT6501

###### Professional Experiences 2

**Credit points:** 4 **Teacher/Coordinator:** Dr Di Bloomfield **Session:** Semester 1, Semester 2 **Classes:** block mode (20 days) **Prerequisites:** EDBT5503 and EDBT5500 and EDBT5502 and one of: EDBT5652, EDBT5654, EDBT5655, EDBT5656, EDBT5657, EDBT5658, EDBT5659, EDBT5660, EDBT5661, EDBT5663, EDBT5665, EDBT5667, EDBT5669, EDBT5670, EDBT5672, EDBT5673. OR EDBT5503 and EDBT5500 and EDBT5502 and EDBT5535 and EDBT5536 **Assessment:** Satisfies Requirements/Fail

*Note: Department permission required for enrolment in the following sessions: Semester 2.*

Students undertake their second Professional Experience of 20 days in a secondary or primary school in a second year of the program. During the practicum students are assigned to one or more Cooperating Teachers in a single discipline area and will be

responsible for teaching one or more classes for a total of between 12 and 16 lesson periods per week. The Cooperating Teachers will closely support their work in the school and in discussion with the Tertiary Mentor will be responsible for writing the report on the Professional Experience that will form the basis of the assessment in the enrolled unit of study. Assessment is aligned with the NSW Institute of Teachers Professional Teaching Standards for the Graduate Teacher.

## Primary Curriculum - Year 1

### EDBT5531

#### English 1 K-6

**Credit points:** 4 **Teacher/Coordinator:** Kathy Rushton **Session:** Semester 1 **Classes:** 1 hr lec plus 13 x 2 hr workshop **Assessment:** 3 assignments

In this unit of study you will investigate the development of language in young children. The nature of the interactions between children and those around them will be considered as will the variation in those interactions. The language bases in talking and listening will be investigated, leading to particular focus on a balanced approach to learning to read and write in the early years of schooling.

### EDBT5532

#### Mathematics 1 K-6

**Credit points:** 4 **Teacher/Coordinator:** Assoc Prof Janette Bobis **Session:** Semester 1 **Classes:** 1 hr lec and 8 x 1 hr tut and 12 x 2 hr planning and teaching tutorials **Assessment:** 3 x assignments

The focus for this unit is the Number, Patterns and Algebra, Data and Working Mathematically strands of the NSW K-6 Mathematics Syllabus with particular emphasis on the first three years of school. It will explore how children's mathematical thinking strategies develop via a research-based framework of number and will introduce the important connection between assessment and planning for instruction.

### EDBT5533

#### Teaching in Multilingual Classrooms

**Credit points:** 2 **Teacher/Coordinator:** Dr Paul Dufficy **Session:** Semester 1 **Classes:** 6 x 2 hrs per wk **Assessment:** 1 assignment

The goal of this course is to provide you with a foundation and a framework for the successful teaching of English as an additional language in the context of multilingual primary classrooms. The course will encourage you to make decisions about appropriate classroom strategies and methods across the curriculum; give insight into current debates within the field; and suggest a direction for future thinking.

### EDBT5534

#### Human Society and its Environs K-6

**Credit points:** 4 **Teacher/Coordinator:** Kate Smythe **Session:** Semester 1 **Classes:** 13 x 1 hr lectures and 13 x 1 hr tutorials **Assessment:** 2 assessment tasks

Human Society and its Environment (HSIE) is a vital Key Learning Area in the primary curriculum. The knowledge and understandings, skills and strategies, values and attitudes inherent in HSIE K-6 provide opportunities for young children to learn about History, Environments, Cultures, Social Systems and Structures. You will have the opportunity to learn about the central concepts, modes of enquiry and structure of HSIE K-6 as well as look at best practice in terms of pedagogy, resources and assessment. This course provides an overview of the HSIE K-6 syllabus as well as NSW curriculum requirements for the subject. The course is strongly aligned with The Framework of Professional Teaching Standards.

### EDBT5530

#### Creative Arts K-6

**Credit points:** 4 **Teacher/Coordinator:** Dr Robyn Gibson **Session:** Semester 2 **Classes:** 1 hr lec plus 1 hr wkshp x 4 wks x 3 components **Assessment:** drama: 1 x 1500wd essay (40%); music: 2 x 15min lesson plan (30%); and visual arts: portfolio (30%)

The Education Act 1990 (NSW) sets out minimum curriculum requirements for primary schools. In particular, the Act states that "courses of study in both art and music are to be included in the key learning area of the Creative and Practical Arts." With the introduction of the Creative Arts K-6 Syllabus in 2000, this requirement has been broadened to include creative arts experiences in drama and dance which became mandatory in 2005. The unit of study, Creative Arts 1, provides students with an understanding of the importance of drama, music, visual arts and dance both as powerful teaching and learning strategies across the primary curriculum and as creative arts in their own right.

### EDBT5535

#### Science and Technology K-6

**Credit points:** 4 **Teacher/Coordinator:** Dr Louise Sutherland **Session:** Semester 2 **Classes:** 7 x 1 hr lec and 8 x 2 hr wkshp **Assessment:** Lesson plan, unit of work critique and reconstruction

Through an examination of the two main learning processes Investigating Scientifically, and Design and Make this unit considers issues, strategies and resources relevant to the teaching of Science and Technology in the K-6 curriculum. The unit will consider aspects of: 1) lesson planning in science and technology, 2) the selection/development of learning experiences and resources which promote children's acquisition of the learning processes in science and technology, 3) planning units of work to support children's development of scientific concepts, 4) supporting the development of children's scientific literacy and numeracy, 5) organising and managing classrooms to promote students' learning in science and technology.

### EDBT5536

#### Personal Development, Health & PE K-6

**Credit points:** 4 **Teacher/Coordinator:** Louisa Petralta **Session:** Semester 1, Semester 2 **Classes:** 8 x 2 hr wkshps **Assessment:** PE activity presentation, practicum reflection, and unit of work

*Note: Department permission required for enrolment in the following sessions: Semester 1.*

In this unit you will be introduced to the Key Learning Area (KLA) Personal Development, Health and Physical Education (PDHPE). The unit will develop students' understanding of what it is to be a teacher within a specific PDHPE context. To do this, the unit will examine the current NSW Board of Studies requirements regarding K-6 PDHPE and will focus on the primary school learning and teaching environment. Through an examination of the K-6 syllabus, modules and support documents students will develop the necessary skills to design and implement lesson plans for selected content strands. To help guide this process, students will be expected to reflect on the teaching practicum (embedded in the middle of this unit). During these in-school Professional Experience components, students will have the opportunity not only to observe PDHPE teaching contexts but also to implement teaching activities. As well as providing students with the opportunity to begin to develop their planning and teaching skills in PDHPE, this unit of study also allows students to practice creating learning links between strands in the PDHPE and Health Promoting School Framework. The notion of the Health Promoting School will be addressed in relation to the need for whole school planning and the place of PDHPE lessons in the school's curriculum and life.

### EDBT5537

#### Special Interest Unit 1

**Credit points:** 2 **Teacher/Coordinator:** Dr Tony Loughland **Session:** Semester 1, Semester 2 **Classes:** 3 hrs x 4 wks or 2 hrs x 6 wks or equivalent **Assessment:** 1 x assesment task

*Note: Department permission required for enrolment in the following sessions: Semester 1.*

There will be five special interest options offered each semester this is scheduled. In 2009 these were Digital Media, Koori Kids in the Classroom, Science and Technology with Toys, Introduction to Community Development and Beyond the Line community visit.



## Primary Curriculum - Year 2

### EDBT6531

#### English 2 K-6

**Credit points:** 4 **Teacher/Coordinator:** Dr Alyson Simpson **Session:** Semester 1 **Classes:** sem, tut, wkshp block mode **Prerequisites:** EDBT5531 English 1 K-6 **Assessment:** critical response, presentation and unit of work

In this unit of study students will focus on the use of literacy and media texts, including picture books and novels for developing critical literacies in children working at Stage three in primary school. The emphasis will be on developing learning experiences that encourage students to read for enjoyment at the same time as developing their abilities to negotiate and discuss meanings (both verbal and visual) in a range of texts. Emphasis will be on making connections between prior learning to current syllabus demands and the texts and learners found in classrooms today. It is expected that students will continue to expand their theoretical knowledge of principles of English teaching as well as develop explicit knowledge of metalanguage to inform their understandings of text construction. Students will be asked to reflect on key readings to challenge, to make links to their own experiences and to question past research and current practice.

### EDBT6532

#### Mathematics 2 K-6

**Credit points:** 4 **Teacher/Coordinator:** Dr Jenni Way **Session:** Semester 1 **Classes:** 9 x 1 hr lec, 6 x 2 hr tut, 3 x 1 hr tut **Prerequisites:** EDBT5532 Mathematics 1 K-6 **Assessment:** 1 x 1500 wd essay (50%), article (50%)

Mathematics Education 2 will draw on the content from 5 different strands in the NSW syllabus. It will focus on the development of concepts and processes from the Data strand, Space and Geometry strand and Measurement strand. It will explore children's understanding of chance and data handling and investigate ways in which concepts from other strands of the syllabus can be taught in an integrated manner. It will also build on content and processes established in Mathematics Education 1 by focusing on Stage 2 and 3 Number Strand. The working mathematically strand will be integrated throughout all content areas.

### EDBT6533

#### Linkages Across the Curriculum K-6

**Credit points:** 2 **Teacher/Coordinator:** Vilma Fyfe **Session:** Semester 1, Semester 2 **Classes:** block mode **Prerequisites:** EDBT5500 and EDBT5502 and EDBT5503 **Assessment:** 1 x 2500 wd situational analysis and report

*Note: Department permission required for enrolment in the following sessions: Semester 2.*

This unit of study focuses on how to integrate key learning areas in the primary curriculum without losing their integrity. It also allows you to investigate the range of strategies teachers and schools use to integrate the key learning areas so they can try to cover the subject matter and outcomes in the syllabus documents. During your practicum you will investigate how the school and your cooperating teacher manages integration. You will share your findings with your tutorial group members and learn how different schools, systems and teachers plan and implement integration.

### EDBT6537

#### Special Interest Unit 2

**Credit points:** 2 **Teacher/Coordinator:** Dr Tony Loughland **Session:** Semester 1, Semester 2 **Classes:** 3 hr wkshp per wk x 4 wks **Prerequisites:** EDBT5537 Special Interest Unit 1 and EDBT5500 **Assessment:** 1 assessment task

*Note: Department permission required for enrolment in the following sessions: Semester 2.*

There will be five special interest options offered each semester this unit is scheduled. In 2009 these were Science and Technology with Toys, Classroom Issues for Koori Kids, Introduction to Community Development, Beyond the Line Community Visit and Gifted and Talented Education.

## Secondary Curriculum - Year 1

### EDBT5601

#### Professional Studies 1 (Options)

**Credit points:** 2 **Teacher/Coordinator:** Tony Sperring **Session:** Semester 1, Semester 2 **Classes:** Lectures (13 x 1hr), Options Unit **Assessment:** 1 assignment (options report)

*Note: Department permission required for enrolment in the following sessions: Semester 2.*

The unit consists of two components: (a) a series of lectures on current issues and policies in secondary school education and, (b) an option/elective in which each student undertakes an independent study and report on an approved community service or professional development activity which is directly relevant to their role as a teacher in either (or both) of their KLAS.

### EDBT5602

#### Art Curriculum 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 1b **Classes:** lec 2 hrs per wk x 8 wks, tut/seminar/wkshp 1hr per wk x 8 wks **Assessment:** Visual Art reflective journal 2500 wds, collaborative group work case study 2000 wds, lesson plan development 1500 wds

This unit will introduce the nature and scope of Visual Art Education within NSW and in particular the NSW Visual Art 7-10 syllabus. Students will explore the links of art education to other areas of study and examine the integration of that learning across and between visual art content areas. In addition students will consider the characteristics of diverse learners, and how various socio-cultural, economic, religious and special needs aspects influence learning and teaching in the visual arts. Students will be introduced to organising, planning and managing learning experiences based on the assessment for learning program for Stages 4 and 5, taking in consideration non English speaking background (NESB) students with a particular focus on classroom behaviour management.

### EDBT5603

#### Art Curriculum 1 (Extension)

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 1b **Classes:** lec 2 hrs per wk x 8 wks, tut/sem/wkshp 1 hr per wk x 8 wks **Corequisites:** EDBT5602 Art Curriculum 1 **Assessment:** collaborative lesson presentation 1000 wds, Stage 4 student visual art study journal 3000 wds, body of work and peer evaluation 500 wds

This course will further examine the scope and sequence of visual art education 7-10 and closely investigate the elective visual arts courses available for Stage 5. In addition this course will critically analyze and evaluate pedagogical models that value and foster learning through the creation of supportive, safe and caring environments. In particular it will address assessment for learning in the visual arts 7-10 in order to conceptualize engaging, challenging and stimulating learning activities for all students in Stages 4 and 5.

### EDBT5652

#### Art Curriculum 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 2 **Classes:** lec 2 hrs per wk x 9 wks, tut/sem/wkshp 1 hr per wk x 9 wks **Prerequisites:** EDBT5602 Art Curriculum 1 **Assessment:** Literature review and poster presentation 2500 wds, extended unit of work Stage 6 Prelim 3500 wds

This course closely examines the nature and scope of the Stage 6 Preliminary course with an emphasis on student literacy development in and through the visual arts. In addition this course will focus on the effective planning of assessment, evaluation and reporting in Stage 6 to encourage further learning. Students will be introduced to appropriate enquiry techniques, a range of assessment and evaluation practices and methods of reporting, which will act as a stimulus to student learning. Addressing the learning needs of diverse range of students through the effective use of ITC is central to this course.

### EDBT5653

#### Art Curriculum 2 (Extension)

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 2 **Classes:** lec 2 hrs per wk x 9 wks, tut/sem/wkshp 1 hr per wk x 9 wks **Prerequisites:** EDBT5602 Art Curriculum 1 and EDBT5603 Art Curriculum 1 (Extension) **Corequisites:** EDBT5652 Art Curriculum 2 **Assessment:** Stage 6 student visual art learning journal 3000 wds, case study 1500 wds, body of work and peer assessment 1500 wds

This unit builds further on the learning in EDBT5652 and provides the opportunity for an in-depth exploration of literacy and numeracy in the school curriculum. The main focus of this unit is to develop a range of strategies to identify and successfully address the literacy and numeracy needs of all learners, including NESB students, those with disabilities, behaviour disorders, learning difficulties and the gifted and talented. In addition students will further investigate a range of assessment and reporting issues in the Preliminary Stage 6 course.

### EDBT5604

#### Drama Curriculum 1

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael Anderson/Dr Kelly Freebody **Session:** Semester 1b **Classes:** block mode 2 days x 7 wks **Assessment:** 2 x 2500 wd essays

This unit introduces teaching Drama 7-12, with a focus on Stages 4 & 5. Students will examine the history of drama education, examine teaching strategies for playbuilding and key forms of drama. Students will begin to develop their own personal style of teaching. The emphasis in this course is upon the teaching of Drama related to the NSW Year 7-10 Drama Syllabus.

### EDBT5654

#### Drama Curriculum 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael Anderson **Session:** Semester 2 **Classes:** block mode twice a wk **Prerequisites:** EDBT5604 Drama Curriculum 1 **Assessment:** 1 x 2500 wd essay and 1 x 3500 wd essay

This unit continues the preparation for teaching Drama 7-12, with a focus on Stage 6, HSC Drama. Students examine the issues relating to individual project work and the collaborative aspects of the drama syllabuses. This unit also explores issues related to assessment and programming of drama as well as exploring quality teaching in drama education. Students will deepen their understanding of the cognitive/affective development which the study of Drama anticipates, and further develop their own personal style of teaching.

### EDBT5627

#### Commerce/Business Studies Curriculum 1

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 1b **Classes:** 4 hrs per wk **Assessment:** There are 4 assessment tasks (Lesson Plans; Resource folder; eLearning task; Research Essay)

The unit of study aims to make students confident, enthusiastic and competent teachers of Commerce/Business Studies. This unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching Commerce in Stage 4. An understanding of the NSW Board of Studies Years 7-10 Commerce Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Commerce teaching materials. There will be an emphasis on ICT, literacy and civics and citizenship education throughout.

### EDBT5677

#### Commerce/Business Studies Curriculum 2

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 2 **Classes:** 4 hrs per wk **Prerequisites:** EDBT5627 **Assessment:** There are four assessment tasks. (Excursion Task; eLearning Task; Consumer and Financial Literacy Resource Task; Research Essay)

This unit of study will build on the teaching of Years 7-10 Commerce Syllabus with an emphasis on Stage 5. This unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of Commerce education in Stage 5. The unit enhances designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing students'

achievement in Commerce. The unit will also focus on the National Consumer and Financial Literacy Framework. Students will also learn to design and implement an excursion for Years 7-10. Further emphasis throughout will be placed on civics and citizenship education and ICT.

### EDBT5605

#### Commerce/Economics Curriculum 1

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 1b **Classes:** 4 hrs per wk **Assessment:** 4 assessment tasks: lesson plans; resource folder; eLearning task; research essay

This unit of study aims to make students confident, enthusiastic and competent teachers of Commerce/Economics. This unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching Commerce in Stage 4. An understanding of the NSW Board of Studies Years 7-10 Commerce Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Commerce teaching materials. There will be an emphasis on ICT, literacy and civics and citizenship education throughout the unit.

### EDBT5655

#### Commerce/Economics Curriculum 2

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 2 **Classes:** 4 hrs per wk **Prerequisites:** EDBT5605 Commerce/Economics Curriculum 1 **Assessment:** 4 assessment tasks: excursion task; eLearning task; consumer and financial literacy resource task; research assignment

This unit of study will build on the study of Years 7-10, Commerce Syllabus with an emphasis on Stage 5. This unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of Commerce education in Stage 5. The unit enhances designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing student's achievement in Commerce. The unit will also focus on the National Consumer and Financial Literacy Framework. Students will also learn to design and implement an excursion for Years 7-10. Further emphasis throughout will be placed on civics and citizenship education and ICT.

### EDBT5607

#### English Curriculum 1

**Credit points:** 6 **Teacher/Coordinator:** Jowen Hillyer **Session:** Semester 1b **Classes:** 1 x 3hr seminar and 1 lec per wk x 8 wks **Assessment:** 2 x assessments

This unit of study is the first in a suite of curriculum methodology units designed to equip you to teach secondary English 7-12. This unit will introduce you to the principles of teaching and learning in subject English, develop your understanding of the theories underpinning the secondary English syllabus documents and raise your awareness of the debates and issues relevant to teaching Secondary English.

### EDBT5657

#### English Curriculum 2

**Credit points:** 6 **Teacher/Coordinator:** Jowen Hillyer **Session:** Semester 2 **Classes:** 1 x 3 hr seminar and 1 lec per wk x 9 wks **Prerequisites:** EDBT5607 English Curriculum 1 **Assessment:** 2 x assessments

This unit will examine the current syllabus documents and explore the ways in which contemporary theoretical perspectives underpin and inform these. The unit will continue to examine the practical uses of information technology in teaching and learning in English. There will be an emphasis on teaching English in the senior secondary years.

### EDBT5608

#### Geography Curriculum 1

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 1b **Classes:** 4 hrs per wk for 8 wks **Assessment:** 4 assessment tasks: lesson plan task; teaching and learning folder; eLearning task; research essay

This unit of study aims to make students confident, enthusiastic and competent teachers of Geography. This unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching

Geography in Stage 4. An understanding of the NSW Board of Studies Year 7-10 Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Geography teaching materials. There will be an emphasis on ICT, literacy, civics and citizenship education throughout the unit.

#### **EDBT5658 Geography Curriculum 2**

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 2  
**Classes:** 4 hrs per week **Prerequisites:** EDBT5608 Geography Curriculum 1  
**Assessment:** 4 assessment tasks: group excursion task; eLearning task; literacy task; research essay.

This unit of study will build on the study of Years 7-10 Geography Syllabus with an emphasis on Stage 5. This unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of Geography education in Stage 5. The unit enhances designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing students' achievement in Geography. A particular focus will be placed on the use of Geography tools and skills in teaching Years 7-10 Geography. Students will also learn to design and implement an excursion for Years 7-10. Further emphasis throughout will be placed on literacy, civics and citizenship education and ICT.

#### **EDBT5609 History Curriculum 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Tim Allender **Session:** Semester 1b  
**Classes:** 8 x 1hr lec and 8 x 1hr sem and 8 x 2hr sem **Assessment:** 1 x 2500 wd essay, 2 x 500 wd teaching strategies, 1 x 2500 wd unit of work

This unit of study aims to prepare graduates in the theory and practice of teaching history in the secondary school. Students will investigate the nature and purpose of history teaching and learning as well as human society and its environment education across years 7-10. The unit draws on current research, thinking and practice in the field of history education and relates to the realities of history teachers' work and instruction.

#### **EDBT5659 History Curriculum 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Carmel Fahey/ Dr Tim Allender  
**Session:** Semester 2 **Classes:** 9 x 1hr lec and 9 x 1hr seminar and 9 x 2hr seminar  
**Prerequisites:** EDBT5609 History Curriculum 1 **Assessment:** 1 x 2000 wd peer teaching activity, 1 x 4000 wd unit of work

This module aims to introduce students to a range of source-based experimental approaches to history teaching and learning. It is also intended to provide the opportunity for individuals to pursue a topic of historical interest, to consider the ways in which this topic may be represented in the history classroom and work collaboratively in the development of teaching and learning materials. This unit is also designed to develop students' skills in applying cross curriculum content and perspectives especially civics and citizenship, literacy and numeracy and multiculturalism to the development of learning strategies and teaching resources.

#### **EDBT5610 Classical Hebrew & Judaism Curriculum 1**

**Credit points:** 6 **Teacher/Coordinator:** Susi Brieger **Session:** Semester 1b  
**Classes:** 4 hrs per wk for 9 wks (36 hours) **Prerequisites:** 54 credit points including 24 credit points of Education and EDSE2001 plus 12 Credit points of senior Classical Hebrew and 12 credit points of senior Jewish Civilisation, Thought and Culture **Assessment:** Assessment will consist of lesson plans, unit of study and Reflective Journal and Resource Folder

This unit of study is the first in a series designed for students who intend to teach Judaic Studies within relevant syllabuses in Stages 4 and 5 and the NSW Board of Studies Classical Hebrew Stage 6 Continuers and Extension Syllabus. The unit develops foundational skills for classroom teaching of Judaism. The unit also introduces students to the socio-historic development of Jewish education in Australia, providing an understanding of local context.

#### **EDBT5660 Classical Hebrew & Judaism Curriculum 2**

**Credit points:** 6 **Teacher/Coordinator:** Susi Brieger **Session:** Semester 2  
**Classes:** 4 hrs per wk for 9 wks (36 hours) **Prerequisites:** EDBT5610 Classical Hebrew & Judaism Curriculum 1 **Assessment:** Assessment will consist of School visit assignment, Vision Statement and Unit of Work

This unit of study is the second in a series for students who wish to teach NSW Board of Studies Stage 6 Syllabus, Classical Hebrew Continuers and Extension courses and Judaic Studies content in Stages 4-5. The unit focuses on specialised pedagogy of the discipline and continues to build on teaching skills as they apply to this area.

#### **EDBT5611 Languages Curriculum 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 1b  
**Classes:** 1hr lec per wk x 8 wks and 2 hr sem per wk x 8 wks **Assessment:** 1 x 1500 wd essay and 1 x 1000 wd portfolio and 3 x 500-1000 wd lesson plans.

This unit is designed to build pre-service language teachers' awareness, skills and understandings in languages education, to guide and prepare them for School Experience 1. Students will gain broad understandings about the nature and scope of teaching languages education in the New South Wales context, about traditional and more contemporary and innovative classroom practices and particular aspects of policy and Board of Studies documentation.

#### **EDBT5612 Languages Curriculum 1 (Additional)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harborn **Session:** Semester 1b  
**Classes:** lec 1hr per wk x 7 wks **Corequisites:** EDBT5611 Languages Curriculum 1 **Assessment:** 1 x 1200 wd set of written email reflections and 1 x 1000 wd portfolio and set of 3 lesson plans x 500-1000 wds

This unit is designed for pre-service language teachers with an additional language other than English. The unit will continue to build pre-service language teachers' awareness, skills and understandings in languages education, to guide and prepare them for Professional Experiences 1.

#### **EDBT5661 Languages Curriculum 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 2  
**Classes:** lec 1 hr per wk x 8 wks, sem 2 hrs per wk x 8 wks, 1 day intensive sem  
**Prerequisites:** EDBT5611 Languages Curriculum 1 **Assessment:** 1 x assesment task for the target language 1000 wds, 1 x portfolio 1000 wds, 1 x intercultural e-resource (design, make, appraise)

This unit is designed to build knowledge, skills and competencies developed in Languages Curriculum 1, and on understandings developed during the first school experience session with a deepening knowledge of the theories and practices of intercultural languages education and languages classrooms in the Australian context, students will continue to investigate issues in languages curriculum design and development.

#### **EDBT5662 Languages Curriculum 2 (Additional)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 2  
**Classes:** lec 1 hr per wk x 7 wks **Prerequisites:** EDBT5611 Languages Curriculum 1 and EDBT5612 Languages Curriculum 1 (Additional)  
**Corequisites:** EDBT5661 Languages Curriculum 2 **Assessment:** 1 x assesment task for the additional language 1000 words, 1 x portfolio 1000 wds, 1 x 1000 wd interview with a language learner in the community

This unit is designed for pre-service language teachers continuing with their curriculum method study in an additional target language. The unit will continue to build pre-service teachers awareness, skills and understandings in languages education.

#### **EDBT5613 Mathematics Curriculum 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 1b  
**Classes:** tut/sem/wkshp 2 x 1.5 hrs per wk x 8 wks **Assessment:** 1 x 3000 wd group project and 1 x 3000 wd individual project

The aim of this unit of study is to introduce students to the teaching of mathematics in years 7-10 for double and single mathematics method. Particular aspects of the teaching and learning of mathematics will be addressed including a detailed examination of the place of mathematics in the Australian school curriculum.

**EDBT5614  
Mathematics Curriculum 1 (Extension)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 1b **Classes:** tut/sem/wkshp 1 x 3hrs per wk x 8 wks **Corequisites:** EDBT5613 Mathematics Curriculum 1 **Assessment:** 1 x 2500 wd assignment and 1 x 3500 wd assignment

This is the second curriculum unit offered in semester 1 for students doing double mathematics method. This unit of study will enable students to plan for a variety of learning environments, including teacher exposition, problem solving, investigations, practical work, consolidation and practice and discussion. They will explore the difference between planning for classes of students with a smaller range of knowledge and experiences, compared with classes with a wider range and geometry as well as the use of technology.

**EDBT5663  
Mathematics Curriculum 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 2 **Classes:** 2 x 1.5hrs x 9 wk tut/sem/wkshp **Prerequisites:** EDBT5613 Mathematics Curriculum 1 **Assessment:** 1 x 2000wd essay and 1 x 4000wd essay

This unit follows on from Mathematics Curriculum 1 (Doubles and Singles) and Mathematics Curriculum 1 (Extension) for double method students only. Its focus is on the learning and teaching of Data, Measurement and Space using a range of technologies.

**EDBT5664  
Mathematics Curriculum 2 (Extension)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 2 **Classes:** 9 x 3hrs lec and sem and wkshp **Prerequisites:** EDBT5613 Mathematics Curriculum 1 and EDBT5614 Mathematics Curriculum 1 (Extension) **Corequisites:** EDBT5663 Mathematics Curriculum 2 **Assessment:** 1 x 2500 wd essay and 1 x 3500 wd essay

This is the 2nd curriculum unit offered in Semester 2, for students doing double mathematics method. This unit of study will include assessing students with special needs using a variety of techniques and planning appropriate learning experiences to further develop their mathematical understanding.

**EDBT5617  
Science Curriculum 1**

**Credit points:** 6 **Teacher/Coordinator:** Tony Sperring **Session:** Semester 1b **Classes:** series of lec/sem/wkshps **Assessment:** 2 x 1000 wd and 1 x 4000 wd essays/assignments, or equivalent in-class presentation(s).

This unit of study is the first in a series of three which aims to prepare graduates for the teaching of Science in high schools as one of their two teaching specialisations. Students will investigate the nature and purpose of science education in the secondary school, contemporary syllabuses in science for 7-12, children's understanding of science, teaching and learning strategies, the planning of learning activities and lessons, and current state, national and international policies on science education.

**EDBT5618  
Science Curriculum 1 (Extension)**

**Credit points:** 6 **Teacher/Coordinator:** Tony Sperring **Session:** Semester 1b **Classes:** 1 x 3hr pr wk x 8 wks or 1 x 2hr per wk x 8 wks and field work excursions and other tasks **Corequisites:** EDBT5617 Science Curriculum 1 **Assessment:** 2 x 3000 wd assignment or equivalent

This unit of study aims to prepare graduates for the teaching of a science in high schools as their teaching specialisation. Students will investigate the nature and purpose of science education in the Stage 6 secondary school, contemporary syllabuses in science for Years 11-12, science teaching and learning strategies and planning of units of work. Students will investigate the nature and purpose of science

education, contemporary syllabuses in one of the Year 11-12 science syllabuses: Biology, Chemistry, Physics, Earth and Environmental Science or Senior Science.

**EDBT5667  
Science Curriculum 2**

**Credit points:** 6 **Teacher/Coordinator:** Tony Sperring **Session:** Semester 2 **Classes:** 2 x 2 hr per wk x 8 wks **Prerequisites:** EDBT5617 Science Curriculum 1 **Assessment:** 1 x 4000 wd essay/assignment (portfolio) and 1 x 2000 wd essay

This unit of study builds upon the work done in the prerequisite course Science Curriculum 1. The unit is designed to develop students' understanding of the nature of science teaching and children's learning of science. The planning of science teaching and learning activities. The interpretation and implementation of syllabus aims, objectives, outcomes and content guidelines. The integration of individual science disciplines within a multidisciplinary science curriculum. Across-curriculum perspectives and policies in science curriculum.

**EDBT5668  
Science Curriculum 2 (Extension)**

**Credit points:** 6 **Teacher/Coordinator:** Tony Sperring **Session:** Semester 2 **Classes:** 1 x 3hr per wk x 8 wks or 1 x 2hr per wk x 8 wks and field work **Prerequisites:** EDBT5617 Science Curriculum 1 and EDBT5618 Science Curriculum 1 (Extension) **Corequisites:** EDBT5667 Science Curriculum 2 **Assessment:** 2 x 3000 wd assignments or equivalent

This unit of study aims to prepare graduates for the teaching of a science in high schools as their teaching specialisation. Students will investigate the nature and purpose of science education in the Stage 6 secondary school, contemporary syllabuses in science for years 11 - 12, science teaching and learning strategies and planning of units of work. Students will investigate the nature and purpose of science education, contemporary syllabuses in one of the Year 11 - 12 science syllabuses: Biology, Chemistry, Physics, Earth and Environment Science or Senior Science.

**EDBT5619  
HSIE Curriculum 1**

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 1b **Classes:** 4 hrs per wk **Assessment:** There are four assessment tasks

This unit of study is the first of three which aims to prepare graduates to be teachers of either Years 11-12 Legal Studies or Years 11-12 Society & Culture and one of Geography, Commerce or History in Years 7-10. This unit will develop competencies and skills in lesson planning, programming and pedagogy in one of Geography, Commerce or History in Years 7-10. The NSW Board of Studies Years 7-10 Geography, Commerce or History syllabuses will be introduced and the students will develop lesson plans, programs, teaching resources and a range of teaching materials. Particular emphasis will be placed on integrating literacy and civics and citizenship education into teaching Years 7-10. Students will be expected to develop sophisticated ICT skills for use in teaching 7-10 Commerce, Geography or History.

**EDBT5669  
HSIE Curriculum 2**

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 2 **Classes:** 4 hrs per wk **Prerequisites:** EDBT5619 **Assessment:** There are four assessment tasks

This unit of study consists of the study of one of Years 7-10 Geography, Commerce or History syllabuses with an emphasis on Stage 5. This unit will build on previous study of the Years 7-10 Syllabuses in Commerce, Geography and History. This unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of one of Commerce, Geography or History education. The unit further enhances designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing students' achievement in Geography or Commerce or History. Students will also learn to design and

implement an excursion for years 7-10. Further emphasis throughout will be placed on literacy, citizenship education and ICT.

### EDBT5622

#### TESOL Curriculum 1

**Credit points:** 6 **Session:** Semester 1b **Classes:** 6 x 4hrs **Assessment:** 2 x major assignments and 1 minor presentation

This unit relates to the overall goal of the TESOL program, which is to provide students with both a foundation and a framework for the successful teaching of English to speakers of other languages. The unit will encourage them to make decisions about appropriate classroom strategies across the curriculum: give insight into the current debates within the field and suggest a direction for future thinking. The unit outlines the background to the teaching of English to speakers of other languages, with a focus on oral skills and design of interactive tasks.

### EDBT5672

#### TESOL Curriculum 2

**Credit points:** 6 **Session:** Semester 2 **Classes:** 16 x 2hr sem and wkshp **Prerequisites:** EDBT5622 TESOL Curriculum 1 **Assessment:** 3 x assessments and grammar test.

Literacy is a key area in the learning of English as a second language. For students without high level of literacy in the first language this can be a daunting process. There is strong evidence to suggest common underlying proficiencies in literacy between languages. Teachers need knowledge of English grammar in order to help them assess students' spoken and written language and to plan appropriate teaching programs.

## Secondary Curriculum - Year 2

### EDBT6602

#### Art Curriculum 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 1 **Classes:** 2 hrs per wk x 10 wks and 1 hr x 10 wks tut/seminar/wkshp **Prerequisites:** EDBT5602 Art Curriculum 1 and EDBT5652 Art Curriculum 2 **Assessment:** Visual Art body of work and VAPD 4000 wds; essay 2000 wds

This course aims to introduce art education issues, perspectives and skills development with a specific focus on the Stage 6 program. Constructing a body of work will create personal learning experiences that will act as an impetus for further critical examination of learning and teaching in and through the visual arts. In addition students will collaboratively explore and critically analyse and evaluate the impact of indigenous Aboriginal history, cultures and perspectives on education and propose effective teaching strategies to address some of these issues.

### EDBT6603

#### Art Curriculum 3 (Extension)

**Credit points:** 6 **Teacher/Coordinator:** Dr Marianne Hulsbosch **Session:** Semester 1 **Classes:** 2 hrs per wk x 10 wks lec and 1 hr per wk x 10 wks tut/seminars/wkshps **Prerequisites:** EDBT5602 Art Curriculum 1; EDBT5603 Art Curriculum 1 (Extension); EDBT5652 Art Curriculum 2; EDBT5653 Art Curriculum 2 (Extension) **Corequisites:** EDBT6602 Art Curriculum 3 **Assessment:** Stage 6 program of learning 2500 wds, essay 3500 wds

This course further explores issues and perspectives of the Stage 6 HSC course. In particular, the focus will be on examination preparation and assessment for learning. The students will also investigate the relationship of teachers to the wider community and further their understanding of professional communities within and external to the school environment and how they can contribute to these communities.

### EDBT6604

#### Drama Curriculum 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Michael Anderson **Session:** Semester 1 **Classes:** wkshp, lec and sem **Prerequisites:** EDBT5604 Drama Curriculum 1 and EDBT5654 Drama Curriculum 2 **Assessment:** 2 x 3000 wd essay

This unit continues preparing students for the teaching of secondary Drama. The course will extend the students' experience in teaching devised performing. Students work with critical friends and mentors, collaborating with schools and other educational institutions, critically reflecting on their own and other people's work. Students undergo a group performance project where they learn of the rigorous nature of teaching collaborative drama experientially.

### EDBT6610

#### Classical Hebrew & Judaism Curriculum 3

**Credit points:** 6 **Teacher/Coordinator:** Susi Brieger **Session:** Semester 1 **Classes:** 4 hrs per wk for 9 wks (36 hrs) **Prerequisites:** EDBT5660 Classical Hebrew & Judaism Curriculum 2 **Assessment:** term long unit of study and lesson plan and presentation

This is an advanced unit of study for students who wish to implement the NSW Classical Hebrew Stage 6 Syllabus and to teach Judaism content in related areas. It builds on the skills, knowledge and understandings developed in Classical Hebrew and Judaism 1 and 2. Students examine the challenges of the subject and engage in a critical reflection of the issues inherent in the teaching of sacred texts. The unit develops advanced skills for classroom teaching as well as specialised methods for the teaching of Classical Hebrew.

### EDBT6627

#### Commerce/Business Studies Curriculum 3

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 1 **Classes:** 4 hrs per wk **Prerequisites:** EDBT5677 and EDBT5627 **Assessment:** There are four assessment tasks. (Preliminary/HSC Assessment Task; Program Development; eLearning Task; Research Essay)

This unit will prepare students to be effective teachers of Stage 6 Business Studies. The unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching Business Studies in Stage 6. An understanding of the NSW Board of Studies Years 11-12 Business Studies Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Business Studies teaching materials. Further emphasis will be placed on ways that Board of Studies HSC assessment requirements can be met including developing assessment tasks and programs. Use of ICT for both teaching and preparation will be a focus of this unit.

### EDBT6605

#### Commerce/Economics Curriculum 3

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 1 **Classes:** 4 hrs per wk **Prerequisites:** EDBT5605 Commerce/Economics Curriculum 1 and EDBT5655 Commerce/Economics Curriculum 2 **Assessment:** 4 assessment tasks: Preliminary/HSC task; case study task; teaching and learning folder; research essay

This unit of study will focus on teaching the Economics Syllabus for Years 11-12. In this unit students will study particular issues facing students studying for the HSC in NSW schools. Students will build on their previous studies in Years 7-10 Commerce and further develop teaching strategies, resources and assessment techniques for teaching Stage 6 Economics. Added emphasis will be placed on assessment strategies and programs for the Preliminary/HSC course in Economics focusing on NSW Board of Studies requirements. Students will also look at the ways the study of Economics for the HSC can lead to various post school destinations. Professional association membership and HSC marking will be promoted throughout this unit.

### EDBT6607

#### English Curriculum 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Jacqueline Manuel **Session:** Semester 1 **Classes:** 1 x 3 hr seminar and 1 lec per wk x 6 wks and 1 module research study (8 hrs) **Prerequisites:** EDBT5607 English Curriculum 1 and EDBT5657 English Curriculum 2 **Assessment:** 2 x assessments

This unit is designed to develop your understanding, knowledge and pedagogical skills in teaching a wide range of texts in English, 7-12. There is an emphasis on theory in practice, wide reading and film, media and multi-media in English. The sessions will be approached

as workshops, during which you will be expected to contribute to whole class and small group collaborative tasks.

**EDBT6608  
Geography Curriculum 3**

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 1  
**Classes:** 4 hrs per week **Prerequisites:** EDBT5608 Geography Curriculum 1 and EDBT5658 Geography Curriculum 2 **Assessment:** 4 assessment tasks: Preliminary/HSC assessment task, senior geography project task, teaching and learning folder, research essay

This unit of study will focus on teaching the Geography Syllabus for Years 11-12. In this unit students will study particular issues facing students studying for the HSC in NSW schools. Students will build on their previous studies in Years 7-10 Geography and further develop teaching strategies, resources and assessment techniques for teaching Stage 6 Geography. Added emphasis will be placed on assessment strategies and programs for the Preliminary/HSC course in Geography focusing on NSW Board of Studies requirements. Additional emphasis will be placed on strategies, skills and resources for both fieldwork and the Senior Geography Project. Students will also look at the ways the study of Geography for the HSC can lead to various post school destinations. Professional association membership and HSC marking will be promoted throughout this unit.

**EDBT6609  
History Curriculum 3**

**Credit points:** 6 **Teacher/Coordinator:** Dr Carmel Fahey/ Dr Tim Allender **Session:** Semester 1 **Classes:** 9 x 1hr lec and 7 x 2hr seminar **Prerequisites:** EDBT5609 History Curriculum 1 and EDBT5659 History Curriculum 2 **Assessment:** 1 x 1500 wd presentation, 1 x 4000 wd unit of work

This unit is designed to develop the skills and understanding necessary to teach current Board of Studies senior history syllabuses. The course also explores the realities of teaching students at this level and the various ways in which higher-order skills may be developed in response to the demands of the new Extension History Syllabus, Stage 6.

**EDBT6006  
HSIE/Legal Studies Curriculum 3**

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 1  
**Classes:** 4 hrs per wk **Prerequisites:** EDBT5619 and EDBT5669 **Assessment:** There are four assessment tasks. (PIP Portfolio Task; Program Development; eLearning Task; Research Essay)

This unit will prepare students to be effective teachers of Stage 6 Legal Studies. The unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching Legal Studies in Stage 6. An understanding of the NSW Board of Studies Years 11-12 Legal Studies Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Legal Studies teaching materials. Further emphasis will be placed on ways that Board of Studies HSC assessment requirements can be met including developing assessment tasks and programs. Use of ICT for both teaching and preparation will be a focus of this unit.

**EDBT6005  
HSIE/Society and Culture Curriculum 3**

**Credit points:** 6 **Teacher/Coordinator:** Kate Keeley **Session:** Semester 1  
**Classes:** 4 hrs per wk **Prerequisites:** EDBT5619 and EDBT5669 **Assessment:** There are four assessment tasks. (PIP Portfolio Task; Preliminary/HSC Assessment task; eLearning Task; Research Essay)

This unit will prepare students to be effective teachers of Stage 6 Society and Culture. The unit will develop competencies and skills in lesson planning programming and pedagogy in teaching Society and Culture in Stage 6. An understanding of the NSW Board of Studies Year 11-12 Society and Culture Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Society and Culture teaching materials. Further emphasis will be placed on ways that Board of Studies HSC assessment requirements can be met including developing assessment tasks and programs and with particular emphasis on the Personal Interest

Project. Use of ICT for both teaching and preparation will be a focus of this unit.

**EDBT6611  
Languages Curriculum 3**

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 1  
**Classes:** lec 1 hr per wk x 8 wks, sem 2 hrs per wk x 8 wks **Prerequisites:** EDBT5611 Languages Curriculum 1 and EDBT5661 Languages Curriculum 2 **Assessment:** 1 x 1500 wd languages education action research plan and 1 x 1000 wd portfolio and 1 x unit of work 1000 wds.

This unit is designed to build on knowledge, skills and competencies developed in Languages Curriculum 1 and 2 to guide and prepare students for Professional Experiences 2 and the later internship. Students continue to investigate cases of languages and cultures education, honing skills for understandings and competencies for lifelong professional development.

**EDBT6612  
Languages Curriculum 3 (Additional)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Lesley Harbon **Session:** Semester 1  
**Classes:** sem 1 hr per wk x 7 wks **Prerequisites:** EDBT5611 Languages Curriculum 1 and EDBT5612 Languages Curriculum 1 (Additional) and EDBT5661 Languages Curriculum 2 and EDBT5662 Languages Curriculum 2 (Additional) **Corequisites:** EDBT6611 Languages Curriculum 3 **Assessment:** 1 x 1200 wd languages newsletter for parents and 1 x 1000 wd portfolio and 1 x 1000 wd unit of work

This unit is the final unit in a series designed for pre-service language teachers continuing with their curriculum method study in an additional target language. The unit will continue to build pre-service teachers awareness, skills and understandings in languages education, especially in regard to the complete series of Board of Studies courses in languages.

**EDBT6613  
Mathematics Curriculum 3**

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 1  
**Classes:** 2 x 1.5hrs x 10 wks tut sem and wkshps **Prerequisites:** EDBT5613 Mathematics Curriculum 1and EDBT5663 Mathematics Curriculum 2 **Assessment:** 1 x 3500wd essay and 1 x 2500wd essay

This is the 3rd curriculum unit for students doing the double and single mathematics method. It is built around effective teaching of the General Mathematics course that was first examined at the 2001 HSC. This unit will focus on planning, learning experiences for the General Mathematics course, including teacher exposition, problem solving, investigations, practical work, consolidation and practice and discussion. Teaching calculus will be examined.

**EDBT6614  
Mathematics Curriculum 3 (Extension)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Judy Anderson **Session:** Semester 1  
**Classes:** 10 x 3hr tut sem and wkshp **Prerequisites:** EDBT5613 Mathematics Curriculum 1and EDBT5614 Mathematics Curriculum 1 (Extension) and EDBT5663 Mathematics Curriculum 2 and EDBT5664 Mathematics Curriculum 2 (Extension) **Corequisites:** EDBT6613 Mathematics Curriculum 3 **Assessment:** 1 x 2500wd essay and 1 x 3000 wd essay

This is the final curriculum unit offered for students doing double mathematics method. This unit will focus on planning, learning environments for the calculus based courses including teacher exposition, problem solving, investigations, practical work, consolidation and practice, discussion.

**EDBT6617  
Science Curriculum 3**

**Credit points:** 6 **Teacher/Coordinator:** Tony Sperring **Session:** Semester 1  
**Classes:** 2 x 2hr seminar per wk for 10 wks **Prerequisites:** EDBT5617 Science Curriculum 1 and EDBT5667 Science Curriculum 2 **Assessment:** 1 x 4000 wd essay and 1 x class presentation

Students will investigate contemporary issues in science education research, curriculum design and implementation, assessment and professional development. Each student will research, reveiw and report on an assigned issue from the current science education literature.

**EDBT6618****Science Curriculum 3 (Extension)**

**Credit points:** 6 **Teacher/Coordinator:** Tony Sperring **Session:** Semester 1 **Prerequisites:** EDBT5617 Science Curriculum 1 and EDBT5618 Science Curriculum 1 (Extension) and EDBT5667 Science Curriculum 2 and EDBT5668 Science Curriculum 2 (Extension) **Corequisites:** EDBT6617 Science Curriculum 3 **Assessment:** 1 x 6000 wd essay or equivalent

This unit of study is the last in a series of three which aims to prepare graduates for the teaching of science in high schools. Students will investigate contemporary issues in science education in one of the following: (i) The role of history and philosophy of science in science curriculum or (ii) specialist studies in one HSC science syllabus area (see EDBT5618/EDBT5668).

**EDBT6620****TAS Curriculum 3**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nigel B Goodwin **Session:** Semester 1 **Classes:** 3 hrs per wk **Prerequisites:** EDBT5620 TAS Curriculum 1 and EDBT5670 TAS Curriculum 2 **Assessment:** Major Design Project undertaken as a team (60%); Reflective journal or ePortfolio (25%); class presentation (15%)

The Technological and Applied Studies (TAS) curriculum course aims to explore issues, perspectives and relationships in the effective design and practical use of technologies. This course will provide students with the opportunity to apply a design philosophy through creative and analytical exploration, explanation, practice and synthesis applicable in an educational context. The curriculum course will focus on one of the senior syllabi in the TAS Key Learning Area and culminates in a grounded Major Design Project and Project Portfolio undertaken in association with external clients. To support learning during the project development, journal writing and ePortfolios are critically examined. Aspects of the design process including thinking processes, idea generation, design communication, creativity, choosing appropriate materials and manufacturing processes are supported by using mind mapping and other visualisation processes, thinking skill development approaches, and by the study of extant design solutions. Since students must also undertake a written examination in design and technology at the HSC, methods for approaching and completing examinations are also studied. Many classrooms reflect the diverse ethnic and social backgrounds of Australia's populations so the diverse needs of learners including indigenous and NESB are studied with a view to tailoring pedagogies to their needs. The special educational needs of gifted and talented learners are also addressed. Management and leadership of TAS faculties is also analysed with a view to informing the optimal choice and utilisation of resources.

**EDBT6621****TAS Curriculum 3 (Extension)**

**Credit points:** 6 **Teacher/Coordinator:** Dr Nigel B Goodwin **Session:** Semester 1 **Classes:** 3 hrs per wk **Prerequisites:** EDBT5620 TAS Curriculum 1 and EDBT5621 TAS Curriculum 1 (Extension) and EDBT5670 TAS Curriculum 2 and EDBT5671 TAS Curriculum 2 (Extension) **Corequisites:** EDBT6620 TAS Curriculum 3 **Assessment:** Comparative case study of design (30%); Research project and class report (40%); ICT knowledge building research task using narrative structures (30%)

The Design and Technology curriculum course aims to explore issues, perspectives and relationships in the effective design and practical use of technologies. A section of this unit of study deals with the Case Study within the HSC Course - Senior Design & Technology Yrs 11-12. A second section of this unit of study deals with using ICT to support and augment learning and performance within the TAS KLA in a knowledge-building framework. Understanding how designers work is important in the context of teaching about design. To this end, design thinking and reasoning processes, approaches to innovation, excellence in design, decision making and situation assessment, and the power of narratives of design experiences are also studied. Understanding why and how programs succeed or fail is important for future planning. Program evaluations processes are therefore studied.

**EDBT6622****TESOL Curriculum 3**

**Credit points:** 6 **Teacher/Coordinator:** TBA **Session:** Semester 1 **Classes:** 14 x 2hr sem/wrkshps **Prerequisites:** EDBT5622 TESOL Curriculum 1 and EDBT5672 TESOL Curriculum 2 **Assessment:** 2 x assessments and bookclub presentation

The role of the ESOL teacher has become increasingly complex. Graduates may be working with adults or with teenagers in Australia or overseas. Traditional career pathways no longer exist as teachers are expected to have the flexibility and knowledge base to adapt to a wide variety of contexts. They need an understanding of students' cultural backgrounds and skills in intercultural communication.

**School Counselling****EDBT5623****School Psychology 1**

**Credit points:** 6 **Teacher/Coordinator:** Dr Susan Colmar **Session:** Semester 1 **Classes:** 44 hrs: 12 x 3 hr seminars plus 8 hrs assessment experience **Assessment:** Two protocols and reports (60%); in-class exam (40%)

This unit introduces the student to the principles of assessing children, with a specific focus on key cognitive assessment instruments and Sattler's multimodal approach to assessment. The relationship between models of intelligence and cognitive assessment techniques is discussed, with particular emphasis placed on the critical evaluation of commonly used individually administered intelligence tests. The multiplicity of factors contributing to successful assessment is emphasised. The principles of standardised testing and the application of competent, ethical, professional use of intelligence tests are taught using current tools such as the Woodcock-Johnson III Test of Cognitive Abilities, Wechsler Scales and the Stanford Binet (5th Ed). The appropriateness of the assessment of specific groups such as young, developmentally young and culturally different children is critically evaluated. Supervised practice of key tests of intelligence is organised in small group workshop sessions. Competency is expected in the administration and scoring of key cognitive instruments and in the writing of assessable reports.

**EDBT5673****School Psychology 2**

**Credit points:** 6 **Teacher/Coordinator:** Dr Susan Colmar **Session:** Semester 2 **Classes:** 36 hrs: 12 x 3 hr seminars **Prerequisites:** EDBT5623 School Psychology 1 **Assessment:** Seminar presentation and handout (40%); Case study (60%)

The assessment of behaviour problems, both externalising and internalising, is introduced as it applies to children and young people in educational and home settings. Links between the theories, description and classification of problem behaviour and DET practice in NSW will be highlighted. Appropriate strategies for the assessment of behaviour problems, programming for behaviour management and externalizing mental health problems' support strategies, and the evaluation of intervention programs, are discussed as they apply to the educational and other environments in which School Counsellors work. Alternative settings for individuals with behaviour and mental health difficulties are critically evaluated and studied.

**EDBT5625****Professional Studies 1 (Psychology)**

**Credit points:** 2 **Teacher/Coordinator:** Dr Susan Colmar **Session:** Semester 1 **Classes:** 12 hrs: 2 hrs x 5 wks plus field assessment 2 hrs **Assessment:** 1. Test Review Presentation and Summary(1000 words) 50%; 2. Casework participation involving assessing a young child with language and/or literacy delays, with report. Prepare a 1000 word report for the child's parents and teaching staff, with parental permission, 50%.

This unit provides students with an overview of the key issues for school counsellors working with younger children in preschool and primary school settings, and in work with adolescents experiencing academic difficulties, with a specific focus on language and literacy.

### EDBT5675

#### Professional Studies 2 (Psychology)

**Credit points:** 2 **Teacher/Coordinator:** Dr Susan Colmar **Session:** Semester 2 **Classes:** 14 hrs: 3.5 hrs for 4 wks **Assessment:** 1. Planned Interactive Presentation to peers, staff and/or parents in a school setting on a topic relevant to the work of school counsellors, 100%, 2000 words, including summary handout of a selected topic in the area of professional and personal practice (from a set of approved topics).

This unit of study focuses on ethical and professional skills for school psychology. A focus on the components of successful work in schools will be presented, including areas such as collaborative team-work, techniques for consultation, systematic approaches and preventative and proactive approaches within school specific contexts and in relation to work with children and adolescents, and their families.

### EDBT6623

#### School Psychology 3

**Credit points:** 6 **Teacher/Coordinator:** Dr Susan Colmar **Session:** Semester 1 **Classes:** 36 hrs: 12 x 3hr seminars **Prerequisites:** EDBT5623 School Psychology 1 and EDBT5673 School Psychology 2 **Assessment:** 1. Case study, 3500 words (50%) 2. Pamphlet and Resources Folder in specified mental health area 50%: 2500 words.

This unit of study is designed to introduce the students to issues and concepts related to counselling children and adolescents within the school setting. The focus will be on accurate assessment of the concerns and the development of therapeutic and intervention plans appropriate for the educational environment.

## Early Childhood - Year 1

### EDBT5626

#### Teaching & Learning in Early Childhood 1

**Credit points:** 8 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 4 hrs per wk x 12 wks plus 4 observation visits **Assessment:** 2 portfolio submissions, case analysis, and child protection workshop

This unit of study provides an introduction to issues concerning learning, teaching, the curriculum and the social and institutional context of education. It examines child development, learning in early childhood settings and teaching as a profession. A set of case studies provides a range of contexts to assist students to link the themes and develop a greater understanding of the complex nature of teachers' work. An introduction to major curriculum areas in early childhood education and care is also provided.

### EDBT5676

#### Teaching & Learning in Early Childhood 2

**Credit points:** 6 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 2 **Classes:** 4 hrs per wk for 8 wks **Prerequisites:** EDBT5626 **Assessment:** Seminar presentation, report, case writing

This unit of study is divided into two parts to support and then consolidate the first professional experience in an early childhood setting. Learning activities in the first four weeks focus on preparation for the Practicum and include information on managing and administering an early learning community. The focus in the second part is on critical reflection of the professional experience and includes case writing.

### EDBT5557

#### Early Childhood Prof Experience 1

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 2 **Classes:** 20 days **Prerequisites:** EDBT5626 and either EDBT5554 or EDBT5560 **Assessment:** Reflective journal including the planning, implementing, and evaluating of learning experiences for young children

This unit is the first of three that provide opportunities for students to gain teaching experience in early childhood education and care settings. It will enable students to apply the theories and strategies covered in other units of study including Teaching and Learning 1 and 2. Initially this experience will consist of observation of practices and routines of the setting, some lesson undertaking with individuals and small groups, and progress to lesson undertaking with larger or whole groups. As part of the process, students will plan and implement

strategies and activities relevant to the age, stage, and needs of young children.

### EDBT5550

#### Language Arts in Early Childhood

**Credit points:** 4 **Teacher/Coordinator:** Jean Ashton **Session:** Semester 1 **Classes:** 2 hrs per wk for 12 wks plus 2 observation days **Assessment:** Picture book presentation, observation task, language activities portfolio, essay

This unit of study assists students to develop knowledge and skills in the language arts at the early childhood level. It assists students to gain and understanding of different theories about how young children develop language. It helps students to develop skills and knowledge about how to help young children begin to make meaning from the moment they are born through the preschool years in terms of how they learn to talk, listen and interact with those around them. There is a strong emphasis on play as a vehicle for language learning and family involvement in an inclusive and supportive learning environment for young children.

### EDBT5551

#### Mathematics in Early Childhood

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 2 hrs per wk for 12 weeks plus 2 observation visits **Assessment:** Critical reflection on a reading task, assessment of child math observation task, mathematics activities portfolio, essay

This unit of study assists students to develop knowledge, skills and understanding of the development of children's constructions of mathematical concepts and processes at the early childhood level. It provides students with the ability to help young children gain a beginning understanding and knowledge of mathematics and a beginning awareness of the ever-changing technological environment in which we live. Students will explore the issues of assessing children's learning needs and identifying children at risk of underachieving in mathematical understanding and skill. Students will be required to plan developmentally appropriate learning experiences that effectively employ a range of pedagogies and resources (including digital technologies) to enhance children's mathematical thinking and communication.

### EDBT5561

#### Early Childhood Settings & Communities

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 2 hrs x 12 wks **Assessment:** Analysis and review (2000 wds), Powerpoint presentation and report (2000 wds)

This unit helps students become familiar with the range of early childhood settings available for children from birth to five years, and their families within the community. Students will be required to become familiar with the regulations governing early childhood services and licensing conditions and will examine the literature relating to quality care and education in early childhood services and review a number of Federal and State based policies.

### EDBT5560

#### Early Childhood Protective Environments

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 2 hrs x 12 wks **Assessment:** 1) Meeting Child Protection requirements. 2) Essay (2000 wds). 3) Behaviour Intervention plan (2000 wds)

Children in contemporary society are viewed as capable and resourceful, confident and actively constructing the world around them. This unit of study helps students understand how they can guide children's responses, encourage self discipline and positive interactions with other children and adults in early childhood environments. In the context of this unit, students will also undertake Child Protection training in accordance with the legislative requirements of the Children Care and Protection Act of NSW Department of Community Services.

### EDBT5555

#### Creative Arts in Early Childhood

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 2 **Classes:** 2 hrs per wk for 12 wks plus 2 observation visits **Assessment:**



Portfolio of Arts activities, short rationale for the imperative of the Arts in the lives of young children, observation task, essay

This unit of study assists students to explore their own creativity and imagination alongside developing knowledge and skills in the Creative Arts at the early childhood level. There is a strong emphasis on play and exploring the imagination through music, visual arts, drama and dance. Observing and assessing young children's spontaneous play through immersion in the Creative Arts is an important feature of this unit. The unit also emphasises the centrality of providing rich Creative Arts experiences in early childhood settings.

#### **EDBT5556**

##### **Health and Wellness in Early Childhood**

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 2 **Classes:** 2 hrs per wk x 12 wks plus 2 observation visits **Assessment:** Critical reflection on a reading task, observation task, safety, nutrition and wellness activities portfolio, essay.

This unit of study assists students to develop knowledge and skills in the teaching of health, safety, nutrition, and wellness at the early childhood level. It provides students with the ability to help young children gain a beginning understanding of the world around them in a way that makes sense to them, a beginning understanding of health, safety, nutrition, and wellness behaviours and habits that will help sustain them for a lifetime. Play and family involvement are emphasised in assisting this process. This unit also provides students with the ability to plan and operate healthy and safe early childhood learning and care environments.

#### **EDBT5558**

##### **Science in Early Childhood**

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 2 **Classes:** 2 hrs per wk for 12 wks **Assessment:** Critical reflection on a reading task, observation task, science activities portfolio, essay

This unit assists students to develop knowledge and skills in the teaching of science at the early childhood level. It provides students with the ability to help young children gain a beginning understanding of the world around them, a beginning understanding of the physical and biological aspects of the world and the universe, and a beginning awareness of the ever-changing technological environment in which we live. An emphasis is upon play as a vehicle for learning and family involvement in an inclusive and supportive learning environment for young children.

#### **EDBT5559**

##### **Diversity & Inclusion in Early Childhood**

**Credit points:** 2 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 2 **Classes:** 1 hr per wk x 12 wks plus 1 observation visit **Assessment:** Personal statement on diversity and inclusion, situational analysis of an early childhood setting

This unit explores diversity and inclusion in early childhood settings. Class, ethnicity, culture, disability, gender, religion, and other social categories have an impact upon children's development. For the creation of inclusive classrooms, early childhood educators must have an understanding of the significance of the personal and social attributes that children bring to the setting. The establishment of positive engagement with children and families is essential in creating an inclusive environment and curriculum. This unit will explore current theories and practices surrounding diversity, social education and inclusion in the early childhood context. Throughout this unit of study students will be encouraged to examine their own beliefs and values in the consideration of the issues above, as well as others.

## **Early Childhood - Year 2**

#### **EDBT5552**

##### **Sociocultural Learning -Early Childhood**

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 2 hrs per wks for 12 wks plus 2 observation visits **Assessment:** Critical reflection on a reading task, observation task, social and cultural understandings activities portfolio, essay

This unit of study assists students to develop knowledge and skills in the teaching of social and cultural understandings at the early childhood level. It provides students with the ability to help young children gain a beginning understanding of the social and cultural world around them in a way that makes sense to them, a beginning understanding of their membership, roles, and values as a member of the family, community, nation and world, and a beginning understanding of differences and similarities among people in the diverse, complex, always changing, and multi-cultural Australia.

#### **EDBT6502**

##### **Early Intervention in Early Childhood**

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 2 hrs x 8 wks **Prerequisites:** EDBT5626 and EDBT5676 and EDBT5559 and one of either EDBT5554 or EDBT5560 **Assessment:** An inclusion plan based on case study (2000 wds), Study of an additional need and strategies for support (2000 wds)

The focus of the unit is on the principles of inclusion, constructed views of normality, individual differences, identification and assessment of babies' and young children's development, and support for children and families. Transitions across multiple contexts over the time young children are in early childhood services will also be addressed. The unit looks at children in the contexts of their families, and offers ways to empower and support families as they make decisions about their children's development and education.

#### **EDBT6503**

##### **Curriculum Development and Models in EC**

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 2 hrs x 12 wks **Prerequisites:** EDBT5626 and EDBT5676 and EDBT5559 and EDBT5557 **Corequisites:** EDBT6001 and EDBT6002 **Assessment:** Oral Presentation (500 wds), Critical Analysis (1500 wds), Essay (2000 wds)

This unit will provide students with opportunities to investigate a variety of planning processes required in order to effectively document children's learning, understand the phases of effective planning in high quality EC settings, and critically examine the current research, as well as community and early childhood attitudes towards practices concerning early childhood curriculum.

#### **EDBT6504**

##### **Administration in Early Childhood**

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 2 hrs x 8 wks **Prerequisites:** EDBT5626 and EDBT5676 and EDBT5556 and EDBT5557 and one of either EDBT5554 or EBT5560 **Assessment:** Policy Development and analysis (2000 wds), Essay (2000 wds)

This unit outlines the management and leadership issues involved in organising and sustaining early childhood services, the social and political context within which services are operating as well as the legal and other responsibility of centre based supervisors. Early Childhood educators must be competent leaders and advocates for change in the early childhood field and must be able to encourage team building, enthusiasm, good communication skills and harmonious work environments in addition to keeping up to date with mandatory management practices.

#### **EDBT6001**

##### **Partnering with Families in EC Settings**

**Credit points:** 2 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 1 hr x 12 wks or 2 hrs x 6 wks **Prerequisites:** EDBT5557 and EDBT5559 **Assessment:** Essay (1500 wds), Tutorial Presentation (500 wds)

In quality early childhood context families' perspectives on the care and education of young children are taken into account by early childhood professionals who operate in partnership with parents on behalf of their children. When working in partnership, families and professionals develop mutual trust and a shared appreciation of each child across home/service contexts.

### EDBT6003

#### Special Interest Early Childhood

**Credit points:** 2 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 1 hr x 8 wks **Prerequisites:** EDBT5557 **Assessment:** Literature review (2000 wds)

Early Childhood professionals act in various capacities in a range of settings. They have an obligation to promote and support respectful life-enhancing relationships with children, families, other staff and community members as they take on a leadership role in early childhood settings. This unit allows students to engage in a literature review designed to further their understanding about a topic or area of professional interest.

### EDBT6002

#### Early Childhood Prof Experience 2

**Credit points:** 4 **Teacher/Coordinator:** Dr Jean Ashton **Session:** Semester 1 **Classes:** 20 day block practicum in 0-2 setting **Prerequisites:** EDBT5557 and EDBT5556 and one of EDBT5553 or EDBT5560 **Corequisites:** EDBT6503 and EDBT6504 **Assessment:** Satisfied Requirements/Fail. Assessment involves keeping a Professional Experiences folder which includes documentation of service detail, a focus system for observing children's development and learning, and planning an integrated curriculum for all children in the room, an administrative task and a reflective diary.

This unit supports the learning and professional development of pre-service early childhood educators in a 0-2 setting. It is expected that students will draw on knowledge gained in previous units in both this and previous semesters, which will enable them to observe infants and toddlers in their placement settings, and to plan for and document developmentally appropriate experiences for them in consultation with families, in the early childhood setting.

## Honours

### EDBT5538

#### Honours 1

**Credit points:** 2 **Teacher/Coordinator:** Prof Gabrielle Meagher **Session:** Semester 2 **Classes:** 2 hr sem per wk x 6 wks **Assessment:** 1 x 2000 wd essay

*Note: Department permission required for enrolment.*

This unit introduces Honours students to the concepts and skills they need to research and write their Special Study project in Year 2. Seminars provide an overview of the scope of educational research, including the variety of research topics and approaches to research methodology. Seminars blend exploration of conceptual and methodological material with discussion of students' own research ideas and plans. Assessment consists of an essay which aims to help students refine and situate their research question in the context of existing research in their chosen area. By the end of the unit, all students will have been matched with a Supervisor for their Special Study.

### EDBT6119

#### Honours 2

**Credit points:** 2 **Teacher/Coordinator:** Prof Gabrielle Meagher **Session:** Semester 1, Semester 2 **Assessment:** 1 x 2000 wd essay, seminar assignments and presentations

*Note: Department permission required for enrolment.*

This unit prepares Honours students for researching and writing their Special Study project. Seminars explore the breadth and diversity of approaches to educational research and are designed to help students think through the relationships between existing research, conceptual frameworks, a research question, methodology, and findings. Assessment consists of a critical literature review, which should be

reworked for inclusion in the Special Study report, as well as written and classroom exercises linked to the seminar program. During the unit, students are expected to develop a plan for the conduct of their Special Study, including a detailed account of their proposed research method, and to be consulting regularly with their Special Study supervisor.

## Master of Teaching

### EDMT6200

#### Internship

**Teacher/Coordinator:** Dr Di Bloomfield **Session:** Semester 1, Semester 2, Semester 2a **Classes:** Block Mode (45 days) **Prerequisites:** 72 cpts (eligible to graduate with the BTeach) and able to progress to the MTeach candidature. **Corequisites:** EDMT6201 Action Research Project & Conference **Assessment:** Satisfies Requirements/Fail

*Note: Department permission required for enrolment in the following sessions: Semester 1, Semester 2.*

Students undertake their Internship of at least 40 days (usually 45 days) in a secondary or primary school in the second semester in second year of the program. Students may only be in the Internship in a school or other educational institution which is approved by the Faculty, and must do it in the curriculum area(s) that they have been enrolled in and are conditionally certified to teach in. During the Internship students are assigned to one or more mentor teachers, usually in a single discipline area and will be responsible for teaching one or more classes for a total of between 14 and 17 lesson periods per week. The mentor teacher will monitor the Intern in their work in the school and in discussion with the Tertiary Mentor, will be responsible for writing the report on the Internship that will form the basis of the assessment. Assessment is aligned with the NSW Institute of Teacher's Professional Teaching Standards for the Graduate Teacher.

### EDMT6201

#### Action Research Project and Conference

**Teacher/Coordinator:** Nicole Bruncker **Session:** Semester 1, Semester 2, Semester 2b **Classes:** Block mode **Prerequisites:** 72 cpts (eligible to graduate with the BTeach) and able to progress to the MTeach candidature. **Corequisites:** EDMT6200 Internship **Assessment:** Presentation and 1 x 4000 wd essay

*Note: Department permission required for enrolment in the following sessions: Semester 1, Semester 2.*

All candidates for the Master of Teaching degree are required to attend, participate in and submit assigned work for the one-day Post-Internship Conference as the final component of their course. The central focus of this unit of study is on design, implementation and reporting of an independent action research project undertaken by each pass-level candidate during the internship and participation in a professional conference following the internship.

### EDMT6202

#### Honours Special Study

**Teacher/Coordinator:** Prof Gabrielle Meagher **Session:** Semester 1, Semester 2 **Prerequisites:** EDBT6119 Honours 2 **Assessment:** 1 x 8000-10000 wd thesis

*Note: Department permission required for enrolment.*

During this unit, students complete their Honours Special Study project, working with a supervisor. The report of the Special Study is to be submitted as a thesis of 8000-10000 words (excluding references and appendices). All students are expected to present the results of their Special Study project at the Post-Internship Conference as well as in the Special Study thesis, submitted for assessment.

Table of Bachelor of Teaching and Master of Teaching units of study

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>Bachelor of Teaching</b>			
<b>Core Education - Year 1</b>			
EDBT5500 Introduction to Teaching and Learning	7		Semester 1
EDBT5501 Information Technology in Education	3		Semester 1
EDBT5502 Teachers & Learners: School Communities	6	P EDBT5500 C EDBT5503	Semester 2
EDBT5503 Professional Experiences 1	4	P EDBT5500 AND one of: EDBT5602, EDBT5604, EDBT5605, EDBT5606, EDBT5607, EDBT5608, EDBT5609, EDBT5610, EDBT5611, EDBT5613, EDBT5615, EDBT5617, EDBT5619, EDBT5620, EDBT5622, EDBT5623; OR EDBT5500 and EDBT5532 and EDBT5531 Note: Department permission required for enrolment in the following sessions: Semester 1	Semester 1 Semester 2
EDBT5504 Educational Workplace Practices	4	Note: Department permission required for enrolment	Semester 1 Semester 2
<b>Core Education - Year 2</b>			
EDBT6500 Schools and their Communities	5	P EDBT5500 Introduction to Teaching and Learning; EDBT5502 Teachers and Learners in Schools	Semester 1
EDBT6125 Special Education: Inclusive Schools	3	P EDBT5500 and EDBT5502 and EDBT5503	Semester 1a
EDBT6501 Professional Experiences 2	4	P EDBT5503 and EDBT5500 and EDBT5502 and one of: EDBT5652, EDBT5654, EDBT5655, EDBT5656, EDBT5657, EDBT5658, EDBT5659, EDBT5660, EDBT5661, EDBT5663, EDBT5665, EDBT5667, EDBT5669, EDBT5670, EDBT5672, EDBT5673. OR EDBT5503 and EDBT5500 and EDBT5502 and EDBT5535 and EDBT5536 Note: Department permission required for enrolment in the following sessions: Semester 2	Semester 1 Semester 2
<b>Primary Curriculum - Year 1</b>			
EDBT5531 English 1 K-6	4		Semester 1
EDBT5532 Mathematics 1 K-6	4		Semester 1
EDBT5533 Teaching in Multilingual Classrooms	2		Semester 1
EDBT5534 Human Society and its Environs K-6	4		Semester 1
EDBT5530 Creative Arts K-6	4		Semester 2
EDBT5535 Science and Technology K-6	4		Semester 2
EDBT5536 Personal Development, Health & PE K-6	4	Note: Department permission required for enrolment in the following sessions: Semester 1	Semester 1 Semester 2
EDBT5537 Special Interest Unit 1	2	Note: Department permission required for enrolment in the following sessions: Semester 1	Semester 1 Semester 2
<b>Primary Curriculum - Year 2</b>			
EDBT6531 English 2 K-6	4	P EDBT5531 English 1 K-6	Semester 1
EDBT6532 Mathematics 2 K-6	4	P EDBT5532 Mathematics 1 K-6	Semester 1
EDBT6533 Linkages Across the Curriculum K-6	2	P EDBT5500 and EDBT5502 and EDBT5503 Note: Department permission required for enrolment in the following sessions: Semester 2	Semester 1 Semester 2
EDBT6537 Special Interest Unit 2	2	P EDBT5537 Special Interest Unit 1 and EDBT5500 Note: Department permission required for enrolment in the following sessions: Semester 2	Semester 1 Semester 2
<b>Secondary Curriculum - Year 1</b>			
EDBT5601 Professional Studies 1 (Options)	2	Note: Department permission required for enrolment in the following sessions: Semester 2	Semester 1 Semester 2
EDBT5602 Art Curriculum 1	6		Semester 1b
EDBT5603 Art Curriculum 1 (Extension)	6	C EDBT5602 Art Curriculum 1	Semester 1b
EDBT5652 Art Curriculum 2	6	P EDBT5602 Art Curriculum 1	Semester 2
EDBT5653 Art Curriculum 2 (Extension)	6	P EDBT5602 Art Curriculum 1 and EDBT5603 Art Curriculum 1 (Extension) C EDBT5652 Art Curriculum 2	Semester 2
EDBT5604 Drama Curriculum 1	6		Semester 1b

## 8. Bachelor of Teaching and Master of Teaching

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
EDBT5654 Drama Curriculum 2	6	P EDBT5604 Drama Curriculum 1	Semester 2
EDBT5627 Commerce/Business Studies Curriculum 1	6		Semester 1b
EDBT5677 Commerce/Business Studies Curriculum 2	6	P EDBT5627	Semester 2
EDBT5605 Commerce/Economics Curriculum 1	6		Semester 1b
EDBT5655 Commerce/Economics Curriculum 2	6	P EDBT5605 Commerce/Economics Curriculum 1	Semester 2
EDBT5607 English Curriculum 1	6		Semester 1b
EDBT5657 English Curriculum 2	6	P EDBT5607 English Curriculum 1	Semester 2
EDBT5608 Geography Curriculum 1	6		Semester 1b
EDBT5658 Geography Curriculum 2	6	P EDBT5608 Geography Curriculum 1	Semester 2
EDBT5609 History Curriculum 1	6		Semester 1b
EDBT5659 History Curriculum 2	6	P EDBT5609 History Curriculum 1	Semester 2
EDBT5610 Classical Hebrew & Judaism Curriculum 1	6	P 54 credit points including 24 credit points of Education and EDSE2001 plus 12 Credit points of senior Classical Hebrew and 12 credit points of senior Jewish Civilisation, Thought and Culture	Semester 1b
EDBT5660 Classical Hebrew & Judaism Curriculum 2	6	P EDBT5610 Classical Hebrew & Judaism Curriculum 1	Semester 2
EDBT5611 Languages Curriculum 1	6		Semester 1b
EDBT5612 Languages Curriculum 1 (Additional)	6	C EDBT5611 Languages Curriculum 1	Semester 1b
EDBT5661 Languages Curriculum 2	6	P EDBT5611 Languages Curriculum 1	Semester 2
EDBT5662 Languages Curriculum 2 (Additional)	6	P EDBT5611 Languages Curriculum 1 and EDBT5612 Languages Curriculum 1 (Additional) C EDBT5661 Languages Curriculum 2	Semester 2
EDBT5613 Mathematics Curriculum 1	6		Semester 1b
EDBT5614 Mathematics Curriculum 1 (Extension)	6	C EDBT5613 Mathematics Curriculum 1	Semester 1b
EDBT5663 Mathematics Curriculum 2	6	P EDBT5613 Mathematics Curriculum 1	Semester 2
EDBT5664 Mathematics Curriculum 2 (Extension)	6	P EDBT5613 Mathematics Curriculum 1 and EDBT5614 Mathematics Curriculum 1 (Extension) C EDBT5663 Mathematics Curriculum 2	Semester 2
EDBT5617 Science Curriculum 1	6		Semester 1b
EDBT5618 Science Curriculum 1 (Extension)	6	C EDBT5617 Science Curriculum 1	Semester 1b
EDBT5667 Science Curriculum 2	6	P EDBT5617 Science Curriculum 1	Semester 2
EDBT5668 Science Curriculum 2 (Extension)	6	P EDBT5617 Science Curriculum 1 and EDBT5618 Science Curriculum 1 (Extension) C EDBT5667 Science Curriculum 2	Semester 2
EDBT5619 HSIE Curriculum 1	6		Semester 1b
EDBT5669 HSIE Curriculum 2	6	P EDBT5619	Semester 2
EDBT5622 TESOL Curriculum 1	6		Semester 1b
EDBT5672 TESOL Curriculum 2	6	P EDBT5622 TESOL Curriculum 1	Semester 2
<b>Secondary Curriculum - Year 2</b>			
EDBT6602 Art Curriculum 3	6	P EDBT5602 Art Curriculum 1 and EDBT5652 Art Curriculum 2	Semester 1
EDBT6603 Art Curriculum 3 (Extension)	6	P EDBT5602 Art Curriculum 1; EDBT5603 Art Curriculum 1 (Extension); EDBT5652 Art Curriculum 2; EDBT5653 Art Curriculum 2 (Extension) C EDBT6602 Art Curriculum 3	Semester 1
EDBT6604 Drama Curriculum 3	6	P EDBT5604 Drama Curriculum 1 and EDBT5654 Drama Curriculum 2	Semester 1
EDBT6610 Classical Hebrew & Judaism Curriculum 3	6	P EDBT5660 Classical Hebrew & Judaism Curriculum 2	Semester 1

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
EDBT6627 Commerce/Business Studies Curriculum 3	6	P EDBT5677 and EDBT5627	Semester 1
EDBT6605 Commerce/Economics Curriculum 3	6	P EDBT5605 Commerce/Economics Curriculum 1 and EDBT5655 Commerce/Economics Curriculum 2	Semester 1
EDBT6607 English Curriculum 3	6	P EDBT5607 English Curriculum 1 and EDBT5657 English Curriculum 2	Semester 1
EDBT6608 Geography Curriculum 3	6	P EDBT5608 Geography Curriculum 1 and EDBT5658 Geography Curriculum 2	Semester 1
EDBT6609 History Curriculum 3	6	P EDBT5609 History Curriculum 1 and EDBT5659 History Curriculum 2	Semester 1
EDBT6006 HSIE/Legal Studies Curriculum 3	6	P EDBT5619 and EDBT5669	Semester 1
EDBT6005 HSIE/Society and Culture Curriculum 3	6	P EDBT5619 and EDBT5669	Semester 1
EDBT6611 Languages Curriculum 3	6	P EDBT5611 Languages Curriculum 1 and EDBT5661 Languages Curriculum 2	Semester 1
EDBT6612 Languages Curriculum 3 (Additional)	6	P EDBT5611 Languages Curriculum 1 and EDBT5612 Languages Curriculum 1 (Additional) and EDBT5661 Languages Curriculum 2 and EDBT5662 Languages Curriculum 2 (Additional) C EDBT6611 Languages Curriculum 3	Semester 1
EDBT6613 Mathematics Curriculum 3	6	P EDBT5613 Mathematics Curriculum 1 and EDBT5663 Mathematics Curriculum 2	Semester 1
EDBT6614 Mathematics Curriculum 3 (Extension)	6	P EDBT5613 Mathematics Curriculum 1 and EDBT5614 Mathematics Curriculum 1 (Extension) and EDBT5663 Mathematics Curriculum 2 and EDBT5664 Mathematics Curriculum 2 (Extension) C EDBT6613 Mathematics Curriculum 3	Semester 1
EDBT6617 Science Curriculum 3	6	P EDBT5617 Science Curriculum 1 and EDBT5667 Science Curriculum 2	Semester 1
EDBT6618 Science Curriculum 3 (Extension)	6	P EDBT5617 Science Curriculum 1 and EDBT5618 Science Curriculum 1 (Extension) and EDBT5667 Science Curriculum 2 and EDBT5668 Science Curriculum 2 (Extension) C EDBT6617 Science Curriculum 3	Semester 1
EDBT6620 TAS Curriculum 3	6	P EDBT5620 TAS Curriculum 1 and EDBT5670 TAS Curriculum 2	Semester 1
EDBT6621 TAS Curriculum 3 (Extension)	6	P EDBT5620 TAS Curriculum 1 and EDBT5621 TAS Curriculum 1 (Extension) and EDBT5670 TAS Curriculum 2 and EDBT5671 TAS Curriculum 2 (Extension) C EDBT6620 TAS Curriculum 3	Semester 1
EDBT6622 TESOL Curriculum 3	6	P EDBT5622 TESOL Curriculum 1 and EDBT5672 TESOL Curriculum 2	Semester 1
<b>School Counselling</b>			
EDBT5623 School Psychology 1	6		Semester 1
EDBT5673 School Psychology 2	6	P EDBT5623 School Psychology 1	Semester 2
EDBT5625 Professional Studies 1 (Psychology)	2		Semester 1
EDBT5675 Professional Studies 2 (Psychology)	2		Semester 2
EDBT6623 School Psychology 3	6	P EDBT5623 School Psychology 1 and EDBT5673 School Psychology 2	Semester 1
<b>Early Childhood - Year 1</b>			
EDBT5626 Teaching & Learning in Early Childhood 1	8		Semester 1
EDBT5676 Teaching & Learning in Early Childhood 2	6	P EDBT5626	Semester 2
EDBT5557 Early Childhood Prof Experience 1	4	P EDBT5626 and either EDBT5554 or EDBT5560	Semester 2
EDBT5550 Language Arts in Early Childhood	4		Semester 1
EDBT5551 Mathematics in Early Childhood	4		Semester 1
EDBT5561 Early Childhood Settings & Communities	4		Semester 1
EDBT5560 Early Childhood Protective Environments	4		Semester 1
EDBT5555 Creative Arts in Early Childhood	4		Semester 2
EDBT5556 Health and Wellness in Early Childhood	4		Semester 2

## 8. Bachelor of Teaching and Master of Teaching

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Session</b>
<b>EDBT5558</b> Science in Early Childhood	4		Semester 2
<b>EDBT5559</b> Diversity & Inclusion in Early Childhood	2		Semester 2
<b>Early Childhood - Year 2</b>			
<b>EDBT5552</b> Sociocultural Learning -Early Childhood	4		Semester 1
<b>EDBT6502</b> Early Intervention in Early Childhood	4	P EDBT5626 and EDBT5676 and EDBT5559 and one of either EDBT5554 or EDBT5560	Semester 1
<b>EDBT6503</b> Curriculum Development and Models in EC	4	P EDBT5626 and EDBT5676 and EDBT5559 and EDBT5557 C EDBT6001 and EDBT6002	Semester 1
<b>EDBT6504</b> Administration in Early Childhood	4	P EDBT5626 and EDBT5676 and EDBT5556 and EDBT5557 and one of either EDBT5554 or EBT5560	Semester 1
<b>EDBT6001</b> Partnering with Families in EC Settings	2	P EDBT5557 and EDBT5559	Semester 1
<b>EDBT6003</b> Special Interest Early Childhood	2	P EDBT5557	Semester 1
<b>EDBT6002</b> Early Childhood Prof Experience 2	4	P EDBT5557 and EDBT5556 and one of EDBT5553 or EDBT5560 C EDBT6503 and EDBT6504	Semester 1
<b>Honours</b>			
<b>EDBT5538</b> Honours 1	2	<i>Note: Department permission required for enrolment</i>	Semester 2
<b>EDBT6119</b> Honours 2	2	<i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2
<b>Master of Teaching</b>			
<b>EDMT6200</b> Internship		P 72 cpts (eligible to graduate with the BTeach) and able to progress to the MTeach candidature. C EDMT6201 Action Research Project & Conference <i>Note: Department permission required for enrolment in the following sessions: Semester 1, Semester 2</i>	Semester 1 Semester 2 Semester 2a
<b>EDMT6201</b> Action Research Project and Conference		P 72 cpts (eligible to graduate with the BTeach) and able to progress to the MTeach candidature. C EDMT6200 Internship <i>Note: Department permission required for enrolment in the following sessions: Semester 1, Semester 2</i>	Semester 1 Semester 2 Semester 2b
<b>EDMT6202</b> Honours Special Study		P EDBT6119 Honours 2 <i>Note: Department permission required for enrolment</i>	Semester 1 Semester 2

## Degree regulations and policies

### Bachelor of Teaching / Master of Teaching

#### 1. Requirements for the Pass degree of Master of Teaching

- 1.1 To qualify for the award of the degree a student must:
- 1.1.1 complete successfully units of study giving credit for a total of 72 credit points, including the internship; and
- 1.1.2 satisfy the requirements of all other relevant by-laws, rules and resolutions of the University.

#### 2. Requirements for the award of Bachelor of Teaching

- 2.1 To qualify for the award of the degree a student must:
- 2.1.1 complete successfully units of study giving credit for a total of 72 credit points, and
- 2.1.2 satisfy the requirements of all other relevant by-laws, rules and resolutions of the University.

#### 3. Requirements for the award of Graduate Diploma in Professional Studies (Education)

- 3.1 To qualify for the award of the diploma a student must:
- 3.1.1 complete successfully units of study giving credit for a total of 48 credit points; and
- 3.1.2 satisfy the requirements of all other relevant by-laws, rules and resolutions of the University.

#### 4. Requirements for the Honours Degree

- 4.1 To qualify for the award of the honours degree students must complete the requirements published in the Faculty resolutions relating to the course.

### Resolutions of the faculty relating to the Bachelor of Teaching, Master of Teaching and Graduate Diploma in Professional Studies (Education)

#### 1. Pass degree and degree with honours

- 1.1 The Master of Teaching degree shall be awarded in two grades, namely the pass degree and the degree with honours.
- 1.2 The Bachelor of Teaching and the Graduate Diploma shall be awarded in one grade only, namely Pass.
- 1.3 There shall be two classes of honours, namely Class I and Class II, and within Class II there shall be two divisions, namely division 1 and division 2.
- 1.4 Honours students who have maintained an outstanding academic record throughout the degree and who have achieved Honours Class 1, may be eligible for the award of a university medal, in accordance with Academic Board policy and on nomination by the Faculty with the recommendation of the Board of Examiners.

#### 2. Eligibility for admission

- 2.1 Except as provided in Part 9, section 47 of the University of Sydney (Amendment Act) Rule 1999 (as amended) an applicant for admission to the degree shall:
- 2.1.1 be a graduate of The University of Sydney or, in the opinion of the Faculty, hold equivalent qualifications; and satisfy the prerequisites for admission into the course regarding:
- 2.1.1.1 English language proficiency; and
- 2.1.1.2 curriculum area specialisation requirements as specified by the Faculty; and
- 2.1.1.3 academic merit
- 2.1.2 complete any additional qualifying course(s) prescribed by the Faculty; and
- 2.1.3 submit a written application, and supply relevant documentation, as prescribed by the Faculty for admission to candidature.
- 2.1.4 Applicants for admission must have completed studies to a sufficient level in the appropriate discipline area(s) in the degree(s) on which they intend to rely for admission to the course.
- 2.1.5 The Faculty may vary admission requirements for individual discipline or specialisation areas for particular candidates in special circumstances.

#### 3. Availability of admission

- 3.1 Admission to candidature for the degree may be limited by quota.

- 3.1.1 In determining the quota the University will take into account:
- 3.1.1.1 availability of resources, including teaching staff, space, library equipment and computing facilities; and
- 3.1.1.2 availability of adequate and appropriate supervision for candidatures.
- 3.1.2 In considering an application for admission to candidature the Faculty may take account of the quota and will select in preference applicants who are most meritorious in terms of eligibility for admission criteria.

#### 4. Units of Study

- 4.1 The units of study of enrolment for the degree are set out in the Bachelor of Teaching/Master of Teaching Table of Units of Study.

#### 5. Credit transfer policy

- 5.1 A candidate who has completed work or unit(s) of study towards a degree or diploma or towards an equivalent qualification or as a non-award student, at this or another university or at an appropriate institution, may be granted credit towards the degree for up to 24 credit points towards the coursework requirements provided that the content of the work or unit or units of study is considered by the Faculty to be equivalent to a unit or units of study prescribed in the Bachelor of Teaching/Master of Teaching Table of Units of Study.
- 5.2 A candidate who has undertaken supervised professional experiences for a degree or diploma or for an equivalent qualification or as a non-award student, at this or another university or at an appropriate institution, or can demonstrate equivalent teaching experience, may, on the recommendation of the Faculty, be granted credit for such supervised or equivalent professional experiences.
- 5.3 Credit may not be given for the internship or the post-internship conference.
- 5.4 A candidate granted credit towards the degree shall not count toward the degree any unit of study completed subsequent to the granting of credit which overlaps substantially in content with the work or unit(s) of study on the basis of which credit was granted;
- 5.5 Unless otherwise permitted by Faculty a candidate shall not be granted credit towards the degree for, or on the basis of, any unit(s) of study or professional experiences or other teaching experience:
- 5.5.1 if completed more than five years prior to admission or readmission to candidature; or
- 5.5.2 upon which the candidate has relied, or intends to rely, in order to satisfy requirements for award of another degree or qualification.

#### 6. Time limits

- 6.1 Subject to determination by Faculty, a candidate may proceed on either a full time or part time basis.
- 6.2 A candidate shall complete the requirements for award of the degree of Bachelor of Teaching in not less than three consecutive semesters of enrolment from admission to candidature and the degree of Master of Teaching in not less than four consecutive semesters, unless otherwise determined by the Faculty, and not later than the end of the eighth semester of candidature from the first enrolment in the course

#### 7. Suspension of Candidature

- 7.1 Unless suspension of candidature has been approved by Faculty, a candidate for the degree is required to re-enrol each calendar year.
- 7.2 Except where the Faculty determines otherwise in any particular case, a candidate who re-enrolls after a suspension of candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment.
- 7.3 Candidates may apply to the Faculty for a suspension of their candidature for a maximum of two semesters in each application and for a maximum of two applications.
- 7.4 In exceptional circumstances, and only in case of serious illness or misadventure and on compassionate grounds, the Faculty may grant an additional suspension beyond the maximum of four semesters.

#### 8. Lapse of candidature

- 8.1 Unless the Faculty determines otherwise in any particular case, candidature for the degree will be deemed to have lapsed if a candidate has:
- 8.1.1 not completed all the requirements for award of the degree in accordance with these resolutions; or

- 8.1.2 not re-enrolled for the degree as required in accordance with resolution 7.
- 8.2 A candidate whose candidature has been deemed to have lapsed shall not re-enrol as a candidate for the degree unless again selected for admission.
- 9. Requirements for the award of Master of Teaching at Pass level**
- 9.1 To qualify for award of the Pass degree, candidates must be eligible for the Bachelor of Teaching award course and complete such coursework, professional experiences, internship requirements and attend the post-internship conference, as set out in the Bachelor of Teaching/Master of Teaching Table of Units of Study.
- 10. Requirements for the award of Master of Teaching with Honours**
- 10.1 To qualify for award of the Honours degree, candidates must be eligible for the Bachelor of Teaching award course and complete such coursework, professional experiences, internship requirements and attend the post-internship conference and complete the honours program as set out in the Bachelor of Teaching/Master of Teaching Table of Units of Study.
- 11. Satisfactory progress**
- 11.1 If a candidate for the degree fails or discontinues enrolment in one unit of study twice, the candidate may be asked to show good cause why he or she should be permitted to re-enrol in that unit of study.
- 11.2 The Faculty reserves the right not to place a student in a school or other professional experience setting for practicum in any instance where the performance, personal or professional conduct of the student does not meet the required standard, regardless of the fact that the student may be enrolled in the practicum.
- 11.2.1 Teachers and Principals are accountable to parents and school systems to provide quality learning opportunities and outcomes for pupils and they need to be confident that any student teachers placed under supervision in their schools can support and maintain teaching programs and standards.
- 11.3 If a candidate fails to submit evidence of progress upon request or if Faculty considers that the evidence submitted does not indicate satisfactory progress, Faculty may call upon the candidate to show good cause why her or his candidature should not be terminated by reason of unsatisfactory progress towards completion of the degree
- 11.3.1 Where, in the opinion of Faculty, the candidate does not show good cause Faculty may terminate that candidature or may impose conditions on the continuation of that candidature.
- 12. Progress to internship**
- 12.1 In order to commence the internship and undertake the post internship conference, a candidate must have satisfied all requirements for award of the Bachelor of Teaching degree as set out in resolution 13.
- 12.2 Where a candidate either does not apply for a place in the internship program, or has failed to satisfy requirements of the Bachelor of Teaching, or, in the opinion of the Faculty, has not shown good cause, the Faculty may either:
- 12.2.1 terminate the candidature; or
- 12.2.2 award the Bachelor of Teaching degree if all requirements for the award have been satisfied; or
- 12.2.3 impose conditions on the continuation of the candidature.
- 12.3 A candidature who satisfies all conditions and requirements prescribed by the Faculty and elects to proceed to the Masters phase of the course must enrol in, and complete requirements for, the internship and the action research project and conference in the same semester.
- 12.4 Except with the permission of the Faculty, a candidate may not enrol in the action research project and conference unless he or she is able to complete the minimum of 50% of their internship placement prior to the completion of the action research project and conference
- 13. Requirements for the Bachelor of Teaching degree**
- 13.1 A candidate who has completed all coursework to the value of 72 credit points may elect not to complete the internship and action research project and conference components of the Master of Teaching degree and may apply to the Faculty to be awarded the degree of Bachelor of Teaching.
- 13.2 To qualify for award of the Bachelor of Teaching degree, a candidate must complete such coursework and professional experiences requirements as prescribed by the Faculty and as set out in the Bachelor of Teaching/Master of Teaching Table of Units of Study, for a total of 72 credit points.
- 13.3 The degree of Bachelor of Teaching shall be awarded in the Pass grade only.
- 14. Conditions for the award of the Graduate Diploma in Professional Studies (Education)**
- 14.1 A candidate who, at the end of the first year of the Bachelor of Teaching/Master of Teaching program, has completed all coursework requirements, except the professional experiences unit(s) of study, may elect to apply to the Faculty to be awarded the Graduate Diploma in Professional Studies (Education). The Graduate Diploma in Professional Studies (Education) is a non-teaching award.
- 14.2 To qualify for award of the Graduate Diploma in Professional Studies (Education), candidates must complete coursework requirements as specified by the Faculty and as indicated in the Bachelor of Teaching/Master of Teaching Table of Units of Study, to the value of 48 credit points. These 48 credit points will include coursework requirements specified by the Faculty to replace the value otherwise afforded by the professional experiences requirements which the candidate for the Bachelor of Teaching or Master of Teaching has been unable to complete.
- 14.3 A candidate may not be admitted to candidature for the Graduate Diploma in Professional Studies (Education) while under a period of exclusion from the Bachelor of Teaching or Master of Teaching degree.
- 14.4 A candidate who has been awarded the Graduate Diploma in Professional Studies (Education) under these resolutions may not re-enrol for candidature for the Bachelor of Teaching or Master of Teaching.
- 15. Termination**
- 15.1 The Faculty may call upon any candidate to show cause why their candidature should not be terminated by reason of unsatisfactory progress towards completion of the requirements for award and where, in the opinion of Faculty, the candidate does not show good cause, terminate the candidature.



# The Sydney Summer and Winter Schools

2010	Dates
Summer School	December 2009 to February 2010
Winter School	28 June to 24 July 2009

## The Summer School

The Summer School is a full fee-paying, intensive program offering high quality undergraduate and postgraduate subjects from nine faculties. These subjects are the same as those offered in Semesters One and Two, but are taught as an intensive program over summer.

Some classes commence in December; others commence in the first week of January; others in the third week and continue into February (including the exam week). Some subjects run for six weeks; others are shorter. Students can take a maximum of two subjects.

## The Winter School

The Winter School is a smaller, more intensive program that runs for four weeks, including the exam week, during July.

## Advantages

Attending classes at the University of Sydney during the summer and winter holidays offers many advantages. You can:

- accelerate your academic career and finish your degree sooner
- devote your full attention to a single area of study
- take subjects that are outside your normal degree
- reduce your workload throughout the rest of the year
- repeat subjects in which you may have been unsuccessful
- combine study with a field trip in Australia or a tour overseas.

High school graduates can sample a university subject, and get an early start on their degree.

## How to apply

Applications are only accepted online (at [www.summer.usyd.edu.au](http://www.summer.usyd.edu.au)). Most subjects have limited places and fill very quickly. All places are filled strictly on a first-in, first-served basis so it is recommended that you apply early.

Applications open on:

- 1 October 2009 (Summer School)
- 24 May 2010 (Winter School)

Applications close:
27 November 2009 (Session 1, Summer December)
11 December 2009 (Session 2, Summer Main)
8 January 2010 (Session 3, Summer Late)
11 June 2010 (Winter School)

**Late application fees may apply after these dates.**

## Census dates

Students can withdraw from their subject without academic penalty and receive a full refund until the census date (based on when the class commences). However, a late withdrawal fee may apply.

There is one census date for the Winter School, and three for the Summer School, as classes start between December and February.

ID	Session name	Classes begin	Census date
42*	Summer December	7 December 2009	4 January 2010
43	Summer Main	4 January 2010	11 January 2010
44**	Summer Late	18 January 2010	29 January 2010
11	Winter School	28 June 2010	3 July 2010

\* 42 Summer December: Allows for a unit to run for 3 to 9 weeks, provided that the 20 per cent criterion is met.

\*\* 44 Summer Late: Last exam must be held by 1 March.

## Withdrawal and refund policy

- For Summer School classes starting in **December 2010**, students who withdraw from a subject between 28 November 2009 and the relevant census date will receive a refund of tuition fees but will be liable for a \$500 late withdrawal fee.
- For Summer School classes starting in **January 2010**, students who withdraw from a subject between 12 December 2009 and the relevant census date will receive a refund of tuition fees but will be liable for a \$500 late withdrawal fee.
- For Winter School classes starting on **28 June 2010**, students who withdraw from a subject between 21 June 2010 and the relevant census date will receive a refund of their tuition fees but will be liable for a \$500 late fee withdrawal.

Students may withdraw from their Summer or Winter School subject(s) up until 4pm on the last day of the teaching period for that particular subject. However, there may be an academic penalty (please refer to our website). The teaching period for purposes of this policy is defined in hours of published classes from the first day through to the last day of classes, excluding any final examination or assessment.

Students who withdraw from a subject after 4pm on the relevant census date will receive no refund of their tuition fee.

## Transferring between subjects

Students on a waiting list can transfer between subjects at any time prior to the commencement of class. For all other students, transfers should be completed a week before classes commence. **No** transfers will be allowed after commencement of the class.

## Summer and Winter School scholarships

### Merit scholarships

Three undergraduate merit scholarships and one postgraduate merit scholarship are available. These are automatically awarded to the top four students in their respective faculty (Arts, Science, or Economics and Business) for their Summer School subject.

### Educational/Financial Disadvantage scholarships

Full Summer School scholarships are available to local undergraduate students who have a good academic record. To be eligible for consideration you will need to provide evidence of long-term and serious educational disadvantage based on two or more criteria, one of which must be financial hardship. Please check our website for further details. Scholarship applications close on 30 October 2009 (Summer School), and 9 June 2010 (Winter School).

## For more information

Website: [www.summer.usyd.edu.au](http://www.summer.usyd.edu.au)

Email: [info@summer.usyd.edu.au](mailto:info@summer.usyd.edu.au)

Phone: +61 2 9351 5542 Fax: +61 2 9351 5888





# General University information

For further information or advice, please call our toll-free helpline on **1300 362 006**.

This section includes information on the following:

Academic progression  
 Accommodation Service  
 Admissions Office  
 Applying for a course  
 Attendance  
 Bus service  
 Campuses  
 Careers Centre  
 Centre for Continuing Education (CCE)  
 Centre for English Teaching (CET)  
 Child Care Information Office  
 The Co-op Bookshop  
 Counselling Service  
 Disability Services  
 Employment opportunities for students  
 Enrolment  
 Environmental Policy  
 Equity Support Services  
 Examinations  
 Fees  
 Financial Assistance Office  
 Freedom of information  
 Graduations Office  
 Grievances and appeals  
 HECS and Domestic Fees Office  
 Information and Communications Technology  
 International Office  
 International Student Support Unit (ISSU)  
 Koori Centre and Yooroang Garang  
 Learning Centre  
 Library  
 Mathematics Learning Centre  
 Museums and galleries  
 MyUni student portal  
 Orientation and O-Week  
 Part-time, full-time attendance  
 Policy online  
 Printing service (UPS)  
 Privacy  
 Research Office  
 Revenue Services  
 Scholarships for undergraduates  
 Security Service  
 Service Management, Information and Communications Technology (ICT)  
 Special Consideration  
 Staff and Student Equal Opportunity Unit (SSEOU)  
 Student administration and support  
 Student Centre  
 Student course material (online stores)  
 Student identity cards  
 Sydney Summer School  
 SydneyTalent  
 Sydney Welcome Orientation and Transition Program (SWOT)  
 The University of Sydney Foundation Program (USFP)  
 Timetabling Unit  
 University Health Service

## Academic progression

The University requires students to maintain a minimum rate of progression throughout their candidature. Any student who does not satisfy progression requirements for their degree will be placed on a monitored academic progression program. This program requires students to consult an academic adviser in their faculty, to attend a support services information session, and to fill in a survey. Students will be advised of program requirements by their faculty.

Students who do not sustain the minimum academic progression requirements may be asked to 'show cause' as to why they should not be excluded from their degree. For further information, please see [www.usyd.edu.au/secretariat/students](http://www.usyd.edu.au/secretariat/students)

Student Affairs, Executive Governance  
 Level 5, Jane Foss Russell Building, G02  
 The University of Sydney  
 NSW 2006 Australia

Phone: +61 2 8627 8425  
 Fax: +61 2 8627 8484  
 Email: [appeals@secretariat.usyd.edu.au](mailto:appeals@secretariat.usyd.edu.au)

## Accommodation Service

The Accommodation Service helps students find off-campus accommodation. It maintains an extensive database of accommodation close to campus or with easy access to public transport. For more information visit the Accommodation page: [www.usyd.edu.au/current\\_students](http://www.usyd.edu.au/current_students)

Level 5, Jane Foss Russell Building, G02  
 The University of Sydney  
 NSW 2006 Australia

Phone: +61 2 9351 3312  
 Fax: +61 2 8627 8484  
 Email: [accomm@stuserv.usyd.edu.au](mailto:accomm@stuserv.usyd.edu.au)  
 Website: [www.usyd.edu.au/accommodation](http://www.usyd.edu.au/accommodation)

## Admissions Office

The Admissions Office, located in the Student Centre, is responsible for overseeing the distribution of offers to undergraduate applicants through the Universities Admissions Centre (UAC). They can advise prospective local undergraduate students on admission requirements. Postgraduate students should contact the appropriate faculty.

- If you are an Australian citizen, or permanent resident with qualifications from a non-Australian institution, you can get more information by phoning +61 2 8627 8209.
- For enquiries regarding special admissions (including mature-age entry), phone +61 2 8627 8207.
- Applicants without Australian citizenship or permanent residency should contact the International Office.

Admissions Office, Student Centre  
 Level 3, Jane Foss Russell Building, G02  
 The University of Sydney  
 NSW 2006 Australia

Phone: +61 2 8627 8210 or +61 2 8627 8209  
 Fax: +61 2 8627 8278  
 Email: [admissions@records.usyd.edu.au](mailto:admissions@records.usyd.edu.au)  
 Website: [www.usyd.edu.au/future\\_students/how\\_to\\_apply](http://www.usyd.edu.au/future_students/how_to_apply)



## Applying for a course

### Domestic applicants for undergraduate courses and programs of study

For the purpose of admission and enrolment, 'domestic applicant' refers to citizens and permanent residents of Australia and citizens of New Zealand. If you are in this group and wish to apply for admission to an undergraduate course, you would generally apply through the Universities Admissions Centre (UAC).

The deadline for applications is the last working day in September in the year before enrolment. For more information see [www.uac.edu.au](http://www.uac.edu.au)

Some faculties have additional application procedures, such as the Conservatorium of Music, Sydney College of the Arts, Pharmacy and Dentistry (for the Bachelor of Oral Health).

### Domestic applicants for postgraduate courses and programs of study

For the purpose of admission and enrolment, 'domestic applicant' refers to citizens and permanent residents of Australia and citizens of New Zealand. Application is direct to the faculty which offers the course that you are interested in. Application forms for postgraduate coursework, postgraduate research and the master's qualifying or preliminary program, and for non-award postgraduate study can be found at [www.usyd.edu.au/future\\_students](http://www.usyd.edu.au/future_students)

Note: some faculties use their own specially tailored application forms. Check with the relevant faculty.

### International applicants for all course types (undergraduate and postgraduate)

'International applicants' refers to all applicants other than Australian citizens, Australian permanent residents and citizens of New Zealand. In the majority of cases international applicants apply for admission through the University's International Office (IO). All the information international applicants need, including application forms, is available from the IO website ([www.usyd.edu.au/internationaloffice](http://www.usyd.edu.au/internationaloffice)).

## Attendance

See 'Special Consideration'.

## Bus service

A free bus service operates to, from and around the Camperdown and Darlington campuses each weekday that Fisher Library is open (except for public holidays). The service begins at 4.15pm and ends at Fisher Library closing time.

Two buses operate along the route, starting at Fisher Library and finishing at Redfern station. The buses leave at approximately 10 minute intervals during semester and in semester breaks.

The bus timetable/route guide can be collected from Security Administration or Campus Infrastructure Services reception.

Floor 2, Services Building, G12  
Corner of Codrington and Abercrombie streets  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 9351 4753  
Fax: +61 2 9351 5699  
Website: [www.facilities.usyd.edu.au/security](http://www.facilities.usyd.edu.au/security)

## Campuses

The University has 10 different teaching campuses, located throughout the Sydney area. For information on each campus, including maps, contact details and parking information, see [www.usyd.edu.au/about/campuses](http://www.usyd.edu.au/about/campuses)

Campus	Faculties
Camperdown and Darlington campuses	Faculty of Agriculture, Food and Natural Resources Faculty of Architecture, Design and Planning Faculty of Arts Faculty of Economics and Business Faculty of Education and Social Work Faculty of Engineering and Information Technologies Faculty of Law (Sydney Law School) Faculty of Medicine (Sydney Medical School) Faculty of Pharmacy Faculty of Science Faculty of Veterinary Science The Sydney Summer School
Cumberland Campus	Faculty of Health Sciences
St James Campus	Faculty of Law (teaching spaces only)
Mallett Street Campus	Faculty of Nursing and Midwifery The Centre for English Teaching The NHMRC Clinical Trials Centre
Sydney Conservatorium of Music	Sydney Conservatorium of Music
Sydney College of the Arts	Sydney College of the Arts (SCA)
Camden Campus	Faculty of Veterinary Science Faculty of Agriculture, Food and Natural Resources
Surry Hills Campus	Faculty of Dentistry
Burren Street Campus	Institute of Transport and Logistics Studies

## Careers Centre

The University's Careers Centre provides students with career planning and employability skills development.

The Careers Centre services are free and include:

- help finding casual, part-time, full-time and graduate employment
- an internet job vacancy database
- individual careers counselling
- a comprehensive resource centre and online resources
- workshops in resume writing, interview skills, job searching and skills development
- careers fairs and employer information sessions.

Careers Centre  
Level 5, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8402  
Fax: +61 2 8627 8477  
Email: [careers.information@usyd.edu.au](mailto:careers.information@usyd.edu.au)  
Website: [www.careers.usyd.edu.au](http://www.careers.usyd.edu.au)

## Centre for Continuing Education (CCE)

The CCE provides the community with the opportunity to engage with the University of Sydney, offering people access to the academic expertise of one of Australia's finest educational institutions.

The CCE provides lifelong learning opportunities for people at all stages of life who want to undertake a course in self-enrichment, engage in active retirement learning, upgrade their professional skills and qualifications, or bridge a gap between previous study and university. CCE offers short courses in all areas of the humanities and social sciences, languages, science and technology, business and management, and continuing professional development.

160 Missenden Road  
Newtown NSW 2042  
(Postal address: Locked Bag 2020, Glebe NSW 2037)

Phone: +61 2 9036 4789  
Fax: +61 2 9036 4799  
Email: [cce.info@usyd.edu.au](mailto:cce.info@usyd.edu.au)  
Website: [www.cce.usyd.edu.au](http://www.cce.usyd.edu.au)

## Centre for English Teaching (CET)

The CET offers English language and academic study skills programs to international students who need to develop their English language skills in order to meet academic entry requirements.

Wentworth Building, G01  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 9036 7900  
Fax: +61 2 9036 7910  
Email: [info@cet.usyd.edu.au](mailto:info@cet.usyd.edu.au)  
Website: [www.usyd.edu.au/cet](http://www.usyd.edu.au/cet)

## Child Care Information Office

Five child care centres operate on or near the Camperdown, Darlington and Cumberland campuses, catering for over 220 children aged from six weeks to five years. The centres are managed by qualified staff and provide programs that are developmentally appropriate and responsive to the needs of the individual child. The Child Care Information Office is the first point of contact for students and staff looking for information about child care services such as long day care, occasional care, vacation care and family day care.

For more information visit the student services page at [www.usyd.edu.au/current\\_students](http://www.usyd.edu.au/current_students)

Child Care Information Office  
Level 5, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8419  
Fax: +61 2 8627 8480  
Email: [childc@stuserv.usyd.edu.au](mailto:childc@stuserv.usyd.edu.au)  
Website: [www.usyd.edu.au/child\\_care](http://www.usyd.edu.au/child_care)

## The Co-op Bookshop

The Co-op Bookshop is a one-stop store for:

- text and reference books
- general books
- University of Sydney clothing and memorabilia
- DVDs
- flash drives
- software at academic prices.

Take advantage of a lifetime of membership benefits. For a one-time fee of \$20, you are entitled to great member pricing, promotional offers and much more.

The Co-op Bookshop  
Sports and Aquatic Centre Building, G09  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 9351 3705  
Fax: +61 2 9660 5256  
Email: [sydu@coop-bookshop.com.au](mailto:sydu@coop-bookshop.com.au)  
Website: [www.coop-bookshop.com.au](http://www.coop-bookshop.com.au)

## Counselling Service

Counsellors are qualified professionals who aim to help people fulfill their academic, individual and social goals. The Counselling Service helps students develop effective and realistic coping strategies and master essential study and life management skills.

Students can make appointments for 50-minute sessions. Walk-in (25-minute) sessions are available for urgent problems every day from 11am to 3pm during semesters, and after-hours appointments are also available. In addition, the service offers workshops each semester on a wide range of student concerns. These are open to local and

international, undergraduate and postgraduate students. There are specific workshops to help first-year students successfully adapt to university study.

For more information visit the student services page at [www.usyd.edu.au/current\\_students](http://www.usyd.edu.au/current_students)

### Camperdown and Darlington campuses

Level 5, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8433  
Fax: +61 2 8627 8482  
Email: [counsell@stuserv.usyd.edu.au](mailto:counsell@stuserv.usyd.edu.au)  
Website: [www.usyd.edu.au/counselling](http://www.usyd.edu.au/counselling)

### Cumberland Campus

Ground Floor, A Block, C42  
The University of Sydney  
East Street, Lidcombe  
NSW 2141 Australia

Phone: +61 2 9351 9638  
Fax: +61 2 9351 9635  
Email: [cs.cumberland@stuserv.usyd.edu.au](mailto:cs.cumberland@stuserv.usyd.edu.au)

## Disability Services

Disability Services is the principal point of contact providing advice for students with disabilities. Disability Services staff work closely with academic and administrative staff to ensure that students receive reasonable adjustments in their study. The unit produces a number of publications explaining the disability support services available within the University.

Students are encouraged to make contact with Disability Services prior to commencement or as early in their studies as possible. Available help includes assistive technology, note-taking, interpreters, and advocacy with academic staff to negotiate assessment and course requirement modifications where appropriate. Students must register with Disability Services to receive assistance.

For more information visit [www.usyd.edu.au/current\\_students](http://www.usyd.edu.au/current_students)

### Camperdown and Darlington campuses

Level 5, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8422  
Fax: +61 2 8627 8482  
Email: [disserv@stuserv.usyd.edu.au](mailto:disserv@stuserv.usyd.edu.au)  
Website: [www.usyd.edu.au/disability](http://www.usyd.edu.au/disability)

### Cumberland Campus

Ground Floor, A Block, C42  
The University of Sydney  
East Street, Lidcombe  
NSW 2141 Australia

Phone: +61 2 9351 9638  
Fax: +61 2 9351 9635  
Email: [ds.cumberland@stuserv.usyd.edu.au](mailto:ds.cumberland@stuserv.usyd.edu.au)

## Employment opportunities for students

See 'Careers Centre', 'SydneyTalent'.

## Enrolment

### Domestic and international students entering their first year via UAC

Details of enrolment procedures will be sent to students with their UAC offer of enrolment. Enrolment takes place during the last week of January or in February for the later offer rounds.

### Domestic and international students entering their first year via a direct offer from the University

Details of the enrolment procedures will be sent to students with their University offer of enrolment. Enrolment takes place during the first two weeks of February.

### All continuing domestic and international students

A pre-enrolment package is sent to all enrolled students in late September and contains instructions on the procedure for web-based pre-enrolment.

## Environmental Policy

The University of Sydney's Environmental Policy promotes sustainable resource and product use and encourages the practice of environmental stewardship by staff and students. The policy is supported by the University-wide Sustainable Campus Program. Enquiries can be directed to:

Manager, Campus Sustainability  
Phone: +61 2 9036 5441  
Email: [sustainable@usyd.edu.au](mailto:sustainable@usyd.edu.au)

Visit the website [www.usyd.edu.au/sustainable](http://www.usyd.edu.au/sustainable) to find out what the University is doing, and learn how you can get involved or make suggestions.

## Equity Support Services

Equity Support Services brings together a number of student support services that provide practical assistance and information to help students meet their academic and personal goals while at University.

Services include the Accommodation Service, Child Care Information Office, Disability Services and the Financial Assistance Office. For more information visit [www.usyd.edu.au/current\\_students](http://www.usyd.edu.au/current_students)

## Examinations

The Examinations Office arranges the end-of-semester examination periods in June and November each year and provides assistance for faculty staff with examinations held at other times. Staff and students can find information about examinations at [www.usyd.edu.au/current\\_students/student\\_administration/examinations](http://www.usyd.edu.au/current_students/student_administration/examinations) or contact the Examinations Office directly.

Student Centre  
Level 3, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8200 or +61 2 8627 8217  
Fax: +61 2 8627 8279  
Email: [exams.office@exams.usyd.edu.au](mailto:exams.office@exams.usyd.edu.au)  
Website:  
[www.usyd.edu.au/current\\_students/student\\_administration/examinations](http://www.usyd.edu.au/current_students/student_administration/examinations)

## Fees

See 'Revenue Services Office'.

## Financial Assistance Office

The University has a number of loan funds and bursaries to help students who experience financial difficulties. Assistance is not intended to provide the principal means of support but to help in emergencies and supplement other income. Financial assistance is available for undergraduate and postgraduate students enrolled at the University of Sydney in degree and diploma programs. It is for essential living and study expenses.

Financial assistance consists of loans, which are usually repayable within one year, and bursaries, which may be awarded as part of a financial assistance package, depending on financial need and academic merit (average marks at credit level or higher). Advertised bursaries are also available and must be applied for separately by 30 April (see website for details). Bursaries are generally only available to local full-time undergraduate students.

For more information visit [www.usyd.edu.au/current\\_students](http://www.usyd.edu.au/current_students)

Level 5, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 9351 2416  
Fax: +61 2 8627 8480  
Email: [fao@stuserv.usyd.edu.au](mailto:fao@stuserv.usyd.edu.au)  
Website: [www.usyd.edu.au/financial\\_assistance](http://www.usyd.edu.au/financial_assistance)

## Freedom of information

The University of Sydney falls within the jurisdiction of the *NSW Freedom of Information Act 1989*. The Act:

- requires information concerning documents held by the University to be made available to the public
- enables a member of the public to obtain access to documents held by the University
- enables a member of the public to ensure that records held by the University concerning his or her personal affairs are not incomplete, incorrect, out of date or misleading.

A 'member of the public' includes staff and students of the University.

It is a requirement of the Act that applications be processed and a determination made within a specified time period, generally 21 days. Determinations are made by the University's Deputy Registrar.

While an application may be made to access University documents, some may not be released in accordance with particular exemptions provided by the Act. There are review and appeal mechanisms which apply when access has been refused.

The University is required to report to the public on its freedom of information activities on a regular basis and to produce two documents: a *Statement of Affairs* (annually) and a *Summary of Affairs* (every six months).

The *Statement of Affairs* contains information about the University, its structure, function and the kinds of documents held. The *Summary of Affairs* identifies the University's policy documents and provides information on how to make an application for access to University documents. More information and copies of the reports can be found at [www.usyd.edu.au/arms/info\\_freedom](http://www.usyd.edu.au/arms/info_freedom)

## Graduations Office

The Graduations Office is responsible for organising graduation ceremonies and informing students of their graduation arrangements.

Student Centre  
Level 3, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8223 or +61 2 8627 8224  
Protocol enquiries: +61 2 8627 8221  
Fax: +61 2 8627 8281  
Email: [grads.office@usyd.edu.au](mailto:grads.office@usyd.edu.au)

## Grievances and appeals

You may consider that a decision affecting your candidature for a degree or other activities at the University has not taken into account all relevant matters. In some cases the by-laws or resolutions of the Senate provide for a right of appeal against particular decisions. For example, there is provision for appeal against academic decisions, disciplinary decisions and exclusion after failure.

A document outlining the current procedures for appeals against academic decisions is available at the Student Centre, the Student Representative Council, and on the Policy Online website ([www.usyd.edu.au/policy](http://www.usyd.edu.au/policy) click on 'Study at the University', then 'Appeals' – see the Academic Board and Senate resolutions).

For assistance or advice regarding an appeal contact:

### Undergraduates

Students' Representative Council  
Level 1, Wentworth Building, G01  
The University of Sydney  
NSW 2006 Australia  
Phone: +61 2 9660 5222  
[www.src.usyd.edu.au](http://www.src.usyd.edu.au)

### Postgraduates

Sydney University Postgraduate Representative Association (SUPRA)  
Corner of Raglan and Abercrombie  
The University of Sydney  
NSW 2006 Australia  
Phone: +61 2 9351 3115  
[www.supra.usyd.edu.au](http://www.supra.usyd.edu.au)

## HECS and Domestic Fees Office

The HECS and Domestic Fees Office assists domestic students with queries relating to their entitlements for Commonwealth Support, HELP-Loans, domestic full fees and the Research Training Scheme (RTS). Students' entitlements are also assessed based on their citizenship or residency status.

Student Centre  
Level 3, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8239  
Fax: +61 2 8627 8285  
Email: [hecs.fees@records.usyd.edu.au](mailto:hecs.fees@records.usyd.edu.au)

## Information and Communications Technology (ICT)

See 'Service Management, Information and Communications Technology'.

## International Office

The International Office helps international students with application, admission and enrolment procedures. It has units responsible for international marketing, government and student relations, international scholarships (including AusAID scholarships and administrative support for international financial aid programs), and compliance with government regulations relating to international students. The Study Abroad and Student Exchange units help domestic and international students who wish to enrol for overseas study or exchange programs.

### International Office

Level 4, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8300  
Fax: +61 2 8627 8387  
Email: [info@io.usyd.edu.au](mailto:info@io.usyd.edu.au)  
Website: [www.usyd.edu.au/internationaloffice](http://www.usyd.edu.au/internationaloffice)

### Study Abroad

Phone: +61 2 8627 8322  
Fax: +61 2 8627 8390  
Email: [studyabroad@io.usyd.edu.au](mailto:studyabroad@io.usyd.edu.au)  
Website: [www.usyd.edu.au/studyabroad](http://www.usyd.edu.au/studyabroad)

### Student Exchange

Phone: +61 2 8627 8322  
Fax: +61 2 8627 8482  
Email: [exchange@io.usyd.edu.au](mailto:exchange@io.usyd.edu.au)  
Website: [www.usyd.edu.au/studentexchange](http://www.usyd.edu.au/studentexchange)

## International Student Support Unit (ISSU)

The International Student Support Unit (ISSU) aims to help international students develop successful strategies for coping with the challenges of living and studying in an unfamiliar culture, to achieve success in their studies, and to make the experience of being an international student rewarding and enjoyable.

ISSU's student counsellors are qualified professionals with extensive experience in cross-cultural counselling. They provide an integrated service to international students and their families, which includes free and confidential counselling, welfare advice, information, and assistance with accessing other support services and resources on campus and in the community.

Other ISSU services include pre-departure information, on-arrival information sessions and an orientation program for new international students. There is also a program of social and cultural activities which runs throughout the year. International students also have access to all University student support services.

### Camperdown and Darlington campuses

Level 5, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8437  
Fax: +61 2 8627 8482  
Email: [info@issu.usyd.edu.au](mailto:info@issu.usyd.edu.au)  
Website: [www.usyd.edu.au/issu](http://www.usyd.edu.au/issu)

### Cumberland Campus

Ground Floor, A Block, Cumberland Campus, C42  
The University of Sydney  
East Street, Lidcombe  
NSW 2141 Australia

Phone: +61 2 9351 9638  
Fax: +61 2 9351 9635  
Email: [issu.cumberland@stuserv.usyd.edu.au](mailto:issu.cumberland@stuserv.usyd.edu.au)  
Website: [www.usyd.edu.au/issu](http://www.usyd.edu.au/issu)

## Koori Centre and Yooroang Garang

The Koori Centre and Yooroang Garang support Aboriginal and Torres Strait Islander people in all aspects of tertiary education at the University of Sydney. The Cadigal Special Entry Program helps Indigenous Australians enter undergraduate study across all areas of the University.

As well as delivering block-mode courses for Indigenous Australian students, the Koori Centre teaches Indigenous Australian Studies in various faculties across mainstream courses. The Koori Centre also provides tutorial assistance, and student facilities including a computer lab, Indigenous research library and study rooms for the University's Indigenous Australian students.

In particular, the Koori Centre aims to increase the successful participation of Indigenous Australians in undergraduate and postgraduate degrees, develop the teaching of Aboriginal studies, conduct research in the field of Aboriginal education, and establish working ties with schools and communities.

The Koori Centre works in close collaboration with Yooroang Garang, Indigenous Student Support Unit in the Faculty of Health Sciences at the Cumberland Campus. Yooroang Garang provides assistance, advice and academic support for Indigenous students in the faculty, as well as preparatory undergraduate and postgraduate courses.

### Koori Centre

Ground Floor, Old Teachers College, A22  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 9351 2046 (general enquiries)  
Toll-free within Australia: 1800 622 742  
Community Liaison Officer: +61 2 9351 7003  
Fax: +61 2 9351 6923  
Email: [koori@koori.usyd.edu.au](mailto:koori@koori.usyd.edu.au)  
Website: [www.koori.usyd.edu.au](http://www.koori.usyd.edu.au)

### Yooroang Garang

T Block, Level 4, Cumberland Campus, C42  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 9351 9066  
Toll free: 1800 000 418  
Fax: +61 2 9351 9400  
Email: [yginfo@fhs.usyd.edu.au](mailto:yginfo@fhs.usyd.edu.au)  
Website: [www.fhs.usyd.edu.au/yooroang\\_garang](http://www.fhs.usyd.edu.au/yooroang_garang)

## Learning Centre

The Learning Centre helps students develop the generic learning and communication skills that are necessary for university study and beyond. The centre is committed to helping students achieve their academic potential during their undergraduate and postgraduate studies.

Learning Centre staff can be found at the Camperdown and Cumberland campuses. The centre's program includes a wide range of workshops on study skills, academic reading and writing, oral communication skills and postgraduate writing and research skills. Other services include an individual learning program, a faculty-based program and access to online and print-based learning resources.

For details of programs, activities and online resources available from the Learning Centre, see its website.

### Camperdown and Darlington campuses

Level 7, Education Building, A35  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 9351 3853  
Fax: +61 2 9351 4865  
Email: [learning.centre@usyd.edu.au](mailto:learning.centre@usyd.edu.au)  
Website: [www.usyd.edu.au/lc](http://www.usyd.edu.au/lc)

### Cumberland Campus

Ground Floor, A Block, C42  
The University of Sydney  
East Street, Lidcombe  
NSW 2141 Australia

Phone: +61 2 9351 9638  
Fax: +61 2 9351 9635  
Email: [lc.cumberland@usyd.edu.au](mailto:lc.cumberland@usyd.edu.au)  
Website: [www.usyd.edu.au/stuserv/learning\\_centre/cumberl.shtml](http://www.usyd.edu.au/stuserv/learning_centre/cumberl.shtml)

## Library

The University of Sydney Library provides services via a network of libraries on eight campuses, and online at [www.library.usyd.edu.au](http://www.library.usyd.edu.au)

The location, opening hours and specific subject focus of each library is listed on the website. Over 5.5 million items are available via the library catalogue, including more than 67,000 online journals and 325,000 online books.

Enrolled students are entitled to borrow from any of the University libraries. Reading list books and articles are available via the reserve service either online or in print. Past examination papers are also available online.

Library facilities include individual and group study spaces, computers, printers, multimedia equipment, photocopiers and adaptive technologies. Refer to the 'Libraries' link on the University website to find out about services and facilities in specific libraries.

Library staff are available in every library to support students with their study and research. Faculty liaison librarians help students find great information on any topic and provide training in using a wide range of resources. For contact details of faculty liaison librarians, see [www.library.usyd.edu.au/contacts/subjectcontacts.html](http://www.library.usyd.edu.au/contacts/subjectcontacts.html)

It is also possible to learn research and information skills online; see [www.library.usyd.edu.au/skills](http://www.library.usyd.edu.au/skills)

Phone: +61 2 9351 2993  
Website: [www.library.usyd.edu.au](http://www.library.usyd.edu.au)

## Mathematics Learning Centre

The Mathematics Learning Centre helps undergraduate students to develop the mathematical knowledge, skills and confidence that are needed for studying first-level mathematics or statistics units at university. The centre runs bridging courses in mathematics at the beginning of the academic year (fees apply). The centre also provides ongoing support to eligible students during the year through individual assistance and small group tutorials.

For details of activities and online resources provided by the centre see the centre's website.

Level 4, Carslaw Building, F07  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 9351 4061  
Fax: +61 2 9351 5797  
Email: [mlc@usyd.edu.au](mailto:mlc@usyd.edu.au)  
Website: [www.usyd.edu.au/mlc](http://www.usyd.edu.au/mlc)



## Museums and galleries

The University of Sydney has one of the largest and finest university collections of antiquities, art, ethnography and natural history in Australia. While these collections are used for teaching, they also provide an opportunity for the University to contribute to the cultural life of the country.

### University Art Gallery

Founded in the 1860s, the University of Sydney Art Collection now holds more than 7000 paintings, sculptures and works on paper by Australian, Asian and European artists, as well as more than 700 works from the University Union Art Collection. One of the most significant collections derives from the John Wardell Power Bequest. The gallery showcases changing exhibitions of works from the collection as well as high-quality exhibitions of both contemporary and historical works.

War Memorial Arch  
The Quadrangle, A14  
Camperdown Campus

Phone: +61 2 9351 6883  
Fax: +61 2 9351 7785  
Website: [www.usyd.edu.au/museums](http://www.usyd.edu.au/museums)

### Macleay Museum

The Macleay Museum originated with the 18th century collection of insects owned by Alexander Macleay. The oldest of its kind in Australia, the museum today holds significant collections of ethnographic artefacts, scientific instruments, biological specimens and historic photographs. Changing exhibitions engage with the diversity of the collection.

Macleay Building, A12  
Gosper Lane (off Science Road)  
Camperdown Campus

Phone: +61 2 9036 5253  
Fax: +61 2 9351 5646  
Email: [macleaymuseum@usyd.edu.au](mailto:macleaymuseum@usyd.edu.au)  
Website: [www.usyd.edu.au/museums](http://www.usyd.edu.au/museums)

### Nicholson Museum

The Nicholson Museum contains the largest and most prestigious collection of antiquities in Australia. It is also the country's oldest university museum, and features works of ancient art and objects of daily life from Greece, Italy, Egypt, Cyprus, the Near and Middle East, as well as Northern Europe. A regular changing schedule of exhibitions highlights various parts of the collection.

The Quadrangle, A14  
Camperdown Campus

Phone: +61 2 9351 2812  
Fax: +61 2 9351 7305  
Email: [nicholsonmuseum@usyd.edu.au](mailto:nicholsonmuseum@usyd.edu.au)  
Website: [www.usyd.edu.au/museums](http://www.usyd.edu.au/museums)

### The Tin Sheds Gallery

The Tin Sheds Gallery is part of the Art Workshop complex within the University of Sydney's Faculty of Architecture, Design and Planning. The gallery hosts exhibitions across a wide variety of contemporary visual arts practices from individuals and groups, as well as community projects and curated exhibitions.

Tin Sheds Gallery and Art Workshops  
Faculty of Architecture  
Wilkinson Building, G04

Phone: +61 2 9351 3115  
Fax: +61 2 9351 4184  
Email: [tinsheds@arch.usyd.edu.au](mailto:tinsheds@arch.usyd.edu.au)  
Website: [www.arch.usyd.edu.au/art\\_workshop.shtml](http://www.arch.usyd.edu.au/art_workshop.shtml)

## MyUni Student Portal

The MyUni student portal (<http://myuni.usyd.edu.au>) is the starting point and 'one-stop' environment for students to access all their web-based University information and services.

MyUni automatically tailors what a student sees based on their login and offers personalisation options.

MyUni enables students to access:

- student administration systems for obtaining examination results, enrolment and variations, timetabling, email services and links to courses and unit of study information
- the University's e-learning tools
- library services
- important messages and student alerts
- information and communications technology and support services
- campus maps, with descriptions of cultural, sporting and campus facilities.

## Orientation and O-Week

### Orientation

Starting university study brings both opportunities and challenges. A successful transition is important in developing a sense of belonging and better academic adjustment and success. The University of Sydney seeks to facilitate students' successful transition through a wide range of programs and activities.

Orientation activities for both undergraduate and postgraduate students are scheduled at the beginning of each semester. Transition support continues throughout the academic year within faculties, while student support services are available to help students throughout their study.

For more information visit  
[www.usyd.edu.au/current\\_students/orientation](http://www.usyd.edu.au/current_students/orientation)

### Undergraduate students

In the week before Semester One, the Sydney Welcome Orientation and Transition (SWOT) program offers all commencing undergraduate students an opportunity to learn more about the University of Sydney.

During this week you can get to know the University, develop key skills for success, discover other key resources for getting the most out of university life and develop a sense of belonging. All students are welcome to attend activities, which are based at the Camperdown and Darlington campuses. Faculties based on other campuses also provide orientation activities and programs.

SWOT 2010 will run from **24 to 26 February 2010**.  
For more information, see [www.swot.usyd.edu.au](http://www.swot.usyd.edu.au)

### Postgraduate students

Postgraduate students are supported by their faculties in transitioning to postgraduate study at the University of Sydney.

For more information visit  
[www.usyd.edu.au/current\\_students/orientation](http://www.usyd.edu.au/current_students/orientation)

### O-Week

O-Week is the orientation event at the beginning of Semester One. Organised by the University of Sydney Union (USU) and other student organisations, it runs in parallel with the SWOT program. O-Week 2010 will run from **24 to 26 February 2010**.

For more information visit [www.usuonline.com](http://www.usuonline.com)

## Part-time, full-time attendance

### Undergraduate students

Undergraduate students are usually considered full time if they have a student load of at least 0.375 each semester. Anything under this amount is considered a part-time study load.

Note that some faculties have minimum study load requirements for satisfactory progress.

### Postgraduate students (coursework)

Part-time or full-time status for postgraduate coursework students is determined by credit-point load. Enrolment in units of study which total at least 18 credit points in a semester is classed as full time. Anything under this amount is a part-time study load.

Please note that classes for some coursework programs are held in the evenings (usually 6pm to 9pm).

### Postgraduate students (research)

Full-time candidates for research degrees do not keep to the normal semester schedule. Instead they work continuously throughout the year with a period of four weeks recreation leave.

There is no strict definition of what constitutes full-time candidature but if you have employment or other commitments that would prevent you from devoting at least the equivalent of a 35-hour working week to your candidature (including attendance at the University for lectures, seminars, practical work and consultation with your supervisor) you should enrol as a part-time candidate. If in doubt, consult your faculty or supervisor.

### International students

Student visa regulations require international students to undertake full-time study. International students on visas other than student visas may be permitted to study part-time.

## Policy Online

In addition to the resolutions covering specific courses, there are a number of University policies that apply to students. These include:

- Code of Conduct for students
- Academic Honesty in Coursework
- Student Plagiarism: Coursework Assessment and Examination of Coursework
- Identifying and Supporting Students at Risk.

All of these policies can be accessed at the University's Policy website ([www.usyd.edu.au/policy](http://www.usyd.edu.au/policy)).

## Printing service

The University Printing Service (UPS) provides printing and binding services including high-volume printing and copying, short run/low-volume printing, and four-colour process printing. It also offers finished artwork and design, including website design, document scanning, file conversion and CD burning.

UPS products range from stationery, books, brochures, handbooks, graduation certificates and examination papers through to invitations, flyers and banners.

UPS also offers a variety of finishing options plus collating, addressing and filling of envelopes, mail merge options and print-broking services.

University Printing Service  
Room 314, Level 3  
Services Building, G12  
Codrington Street

Phone: +61 2 9351 2004  
Fax: +61 2 9351 7757  
Email: [ups@ups.usyd.edu.au](mailto:ups@ups.usyd.edu.au)  
Website: [www.usyd.edu.au/ups](http://www.usyd.edu.au/ups)

## Privacy

The University is subject to the *NSW Privacy and Personal Information Protection Act 1998* and the *NSW Health Records and Information Privacy Act 2002*. Central to both pieces of legislation are the sets of information protection principles (IPPs) and health privacy principles which regulate the collection, management, use and disclosure of personal and health information.

In compliance with the *Privacy and Personal Information Protection Act* the University developed a *Privacy Management Plan* which includes the *University Privacy Policy*. The *Privacy Management Plan* sets out the IPPs and how they apply to functions and activities carried out by the University. Both the plan and the *University Privacy Policy* were endorsed by the Vice-Chancellor on 28 June 2000.

Further information and a copy of the plan may be found at [www.usyd.edu.au/arms/privacy](http://www.usyd.edu.au/arms/privacy)

Any questions regarding the *Freedom of Information Act*, the *Privacy and Personal Information Protection Act*, the *Health Records and Information Privacy Act* or the *Privacy Management Plan* should be directed to Archives and Records Management Services. See [www.usyd.edu.au/arms](http://www.usyd.edu.au/arms) for contact details.

## Research Office

The Research Office administers the major government-funded research scholarships to postgraduate research students. Details of these scholarships and many others may be obtained from [www.usyd.edu.au/ro/training](http://www.usyd.edu.au/ro/training)

The closing date for applications for Australian Postgraduate Awards (APA) and University of Sydney Postgraduate Awards (UPA) is October every year.

Applications for National Health and Medical Research Council (NHMRC) Postgraduate Research Scholarships usually close in mid-July. It is wise to check in advance the exact closing date.

Research Office  
Level 6, Jane Foss Russell Building, G02  
Phone: +61 2 8627 8112  
Email: [research.training@usyd.edu.au](mailto:research.training@usyd.edu.au)  
Website: [www.usyd.edu.au/ro/training](http://www.usyd.edu.au/ro/training)

## Revenue Services

Revenue Services provides information on HECS/fee payment methods and can confirm the receipt of payments. The office can also provide information on the steps necessary to obtain a refund. More details are available on its website (listed below).

Revenue Services (domestic students)  
Margaret Telfer Building, K07  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 9351 5222  
Fax: +61 2 9114 0556  
Email: [feespay@usyd.edu.au](mailto:feespay@usyd.edu.au)  
Website: [www.finance.usyd.edu.au/revenue\\_income/fees.shtml](http://www.finance.usyd.edu.au/revenue_income/fees.shtml)

Cashier's Office (domestic and international student payments)  
Level 3, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia  
Office hours: 9am to 5pm, Monday to Friday

## Scholarships for undergraduates

The Scholarships and Prizes Office administers scholarships and prizes for undergraduate and postgraduate coursework degrees at the University of Sydney. To learn more, see the website.

Scholarships and Prizes Office  
Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8450  
Fax: +61 2 8627 8485  
Email: [scholarships.reception@usyd.edu.au](mailto:scholarships.reception@usyd.edu.au)  
Website: [www.usyd.edu.au/scholarships](http://www.usyd.edu.au/scholarships)

## Security Service

Security staff patrol the University's Camperdown and Darlington campuses 24 hours a day, seven days a week and are easily identified by their blue uniforms and distinguishing badges.

### Security Escort Service

The University's Security Escort Service may be booked by phoning 9351 3487. This service provides transportation around the Camperdown and Darlington campuses as well as to the nearest transport point at its edge (it generally operates after the security bus has ceased). The service is for security situations and is not designed for convenience use. Requests for this service will be prioritised against other security demands.

### Emergency contact

Phone: +61 2 9351 3333 (13333 from an internal phone)

### Enquiries

Phone: +61 2 9351 3487 or (toll-free within Australia) 1800 063 487  
Fax: +61 2 9351 4555  
Email: [security.admin@mail.usyd.edu.au](mailto:security.admin@mail.usyd.edu.au)  
Website: [www.facilities.usyd.edu.au/security](http://www.facilities.usyd.edu.au/security)

### Traffic

Phone: +61 2 9351 3336

### Lost property

Phone: +61 2 9351 5325

## Service Management, Information and Communications Technology (ICT)

ICT is responsible for the delivery of many of the computing services provided to students. Students can contact ICT by phoning the helpdesk on (02) 9351 6000, through the IT Assist website ([www.usyd.edu.au/ict/switch](http://www.usyd.edu.au/ict/switch)) or by visiting the staff at one of the University Access Labs. The location details of Access Labs can be found at [www.usyd.edu.au/ict/switch/locations](http://www.usyd.edu.au/ict/switch/locations)

The labs provide students free access to computers, including office productivity and desktop publishing software. Some services are available on a fee-for-service basis, such as internet access, printing facilities, and the opportunity for students to host their own non-commercial website.

Each student is supplied with an account, called a 'UniKey' account, which allows access to a number of services including:

- free email
- WebCT/elearning online resources
- access to the Internet from home or residential colleges
- facilities, such as exam results, enrolment variations and timetabling
- free courses in basic computing (such as MS Office, basic html and Excel), run by Access Lab staff in the week following orientation week. To register contact the Access Lab Supervisor on +61 2 9351 6870.

See [www.usyd.edu.au/ict/switch](http://www.usyd.edu.au/ict/switch) for more information on these services.

Service Management, Helpdesk  
University Computer Centre, H08  
Camperdown Campus

Phone: +61 2 9351 6000  
Fax: +61 2 9351 6004  
Email: [support@usyd.edu.au](mailto:support@usyd.edu.au)  
Website: [www.usyd.edu.au/ict/switch](http://www.usyd.edu.au/ict/switch)

## Special Consideration

In cases of illness or misadventure, students should complete an *Application for Special Consideration* form, accompanied by relevant documentation, such as medical certificates, and submit it to the relevant faculty office. The forms are available at faculty offices, the Student Centre, and online at [www.usyd.edu.au/current\\_students/student\\_administration/forms](http://www.usyd.edu.au/current_students/student_administration/forms)

### Exemption from re-attendance

Although you may have attended certain lectures or practical classes before, exemption from re-attendance is granted only in exceptional circumstances. In any case, you are required to enrol in all units of study in which you propose to take examinations, whether or not you have been granted leave of absence (or exemption) from re-attendance at lectures and/or practical work. To obtain exemption from re-attendance, apply at your faculty office.

## Staff and Student Equal Opportunity Unit (SSEOU)

The Staff and Student Equal Opportunity Unit works with the University community to promote equal opportunity in education and employment, to create opportunities for staff and students who have traditionally been disadvantaged by mainstream practices and policies, and to create an environment that is free from discrimination and harassment.

The Staff and Student Equal Opportunity Unit is responsible for:

- providing policy advice to staff on harassment and discrimination
- providing equal opportunity policy development, promotion and training for staff and students
- coordinating and monitoring equity programs and initiatives
- providing information and advice to staff and students on equal opportunity matters
- resolving individual staff and student concerns about harassment and discrimination
- overseeing the University's Harassment and Discrimination Resolution procedure
- monitoring and reporting to external bodies on the University's progress in the equal opportunity area.

Every student and staff member at the University of Sydney has the right to expect that their fellow students and colleagues behave in a way that reflects these key values, irrespective of background, beliefs or culture.

In addition, every student and employee has a right to expect from the University equitable practices that preserve and promote equal opportunity to access, participate, and excel in their chosen field.

Rooms 228 to 235  
The Demountables, H11  
Codrington Street  
Darlington Campus  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 9351 2212  
Fax: +61 2 9351 3195  
Email: [admin@eeo.usyd.edu.au](mailto:admin@eeo.usyd.edu.au)  
Website: [www.usyd.edu.au/eeo](http://www.usyd.edu.au/eeo)

## Student administration and support

The University provides personal, welfare, administrative and academic support services to facilitate your success. Many factors can have an impact on your wellbeing while studying, and student services can help you to manage these more effectively.

For details of services and online resources provided, visit [www.usyd.edu.au/current\\_students](http://www.usyd.edu.au/current_students)

## Student Centre

The Student Centre is responsible for the central functions of UAC admissions, enrolments, HECS, class timetabling, student records, examinations and graduations. In addition to the above matters, general information and academic transcripts can be obtained at the counter of the Student Centre.

Level 3, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

General enquiries: +61 2 8627 8200  
Academic records: +61 2 8627 8200  
Handbooks: +61 2 8627 8200  
Fax: +61 2 8627 8279 or +61 2 8627 8284 (academic records)  
Email: [studentcentre@usyd.edu.au](mailto:studentcentre@usyd.edu.au)  
Email: [academicrecords@usyd.edu.au](mailto:academicrecords@usyd.edu.au)  
Website: [www.usyd.edu.au/current\\_students/student\\_administration](http://www.usyd.edu.au/current_students/student_administration)

## Student course material (online stores)

Students in several faculties can purchase course collateral through an online eStore (available on their faculty website). Course collateral includes laboratory coats, uniforms, safety boots and other equipment required for units of study. All items have been selected and approved by the faculty concerned to ensure they meet course requirements.

## Student identity cards

The student identity card functions as a library borrowing card, a transport concession card (when suitably endorsed) and a general identity card. The card must be carried at all times on the grounds of the University and must be shown on demand and taken to all examinations.

University Card Services  
Level 2, Fisher Library, F03  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 9351 2423  
Email: [university.cards@usyd.edu.au](mailto:university.cards@usyd.edu.au)  
website: [www.usyd.edu.au/card\\_centre](http://www.usyd.edu.au/card_centre)

## Sydney Summer School

Nine faculties at the University offer subjects from undergraduate and postgraduate degree programs during a Summer School program. As the University uses its entire quota of Commonwealth-supported places in Semesters One and Two, these units are full fee-paying for both local and international students and enrolment is entirely voluntary.

Summer School enables students to accelerate their degree progress, make up for a failed subject or fit in a subject which otherwise would not suit their timetables. New students may also gain an early start by completing subjects before they commence their degrees.

Three sessions are offered during the semester break (commencing in mid-December, the first week of January, and the third week of January) and normally run for up to six weeks (followed by an examination week). Details of the available subjects are on the Summer School website.

A smaller Winter School is also offered. It will commence on 28 June 2010 and run for three weeks (followed by an examination week). The Winter School offers both postgraduate and undergraduate subjects.

To find out information about subjects offered and to enrol, see the Summer School website: [www.summer.usyd.edu.au](http://www.summer.usyd.edu.au)

## SydneyTalent

SydneyTalent is a University initiative that offers course-related employment at market leading rates and with flexible hours. It connects students with meaningful roles in their chosen field of study, allowing them to develop vital professional skills and graduate with marketable career experience. With SydneyTalent, students are able to successfully manage the work-study balance while building for future success.

Level 5, Jane Foss Russell Building G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8000  
Fax: +61 2 8627 8630  
Email: [sydney.talent@usyd.edu.au](mailto:sydney.talent@usyd.edu.au)  
Website: [www.sydneytalent.com.au](http://www.sydneytalent.com.au)

## Sydney Welcome Orientation and Transition Program (SWOT)

The Sydney Welcome Orientation and Transition program (SWOT) offers a head start to commencing undergraduate students at the University, helping you to become familiar with the University and its student support services. The library and central student support services work together with faculties to provide the SWOT program.

SWOT 2010 runs from **24 to 26 February 2010**.  
For more information, see [www.swot.usyd.edu.au](http://www.swot.usyd.edu.au) or visit [www.usyd.edu.au/current\\_students/orientation](http://www.usyd.edu.au/current_students/orientation)

## The University of Sydney Foundation Program (USFP)

The University of Sydney provides a foundation program to international students as a preparation for undergraduate degrees at several Australian universities.

The program is conducted by Taylors College on behalf of Study Group Australia and the University of Sydney. It allows both first and second semester entry to undergraduate courses at the University of Sydney and other universities within Australia.

### Contact details

Phone: +61 2 8263 1888  
Fax: +61 2 9267 0531  
Email: [info@taylorscollege.edu.au](mailto:info@taylorscollege.edu.au)  
Website: [www.usyd.edu.au/foundationprogram](http://www.usyd.edu.au/foundationprogram)

### College address

The University of Sydney Foundation Program  
Taylors College  
965 Bourke St  
Waterloo NSW 2017  
Phone: +61 2 8303 9700  
Fax: +61 2 8303 9777

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## Timetabling Unit

The Timetabling Unit in the Student Centre is responsible for producing personalised student timetables which are available through MyUni. Semester One timetables are available 10 days before that semester begins. Semester Two timetables are available from the beginning of Semester One examinations.

Website:

[www.usyd.edu.au/current\\_students/student\\_administration/timetables](http://www.usyd.edu.au/current_students/student_administration/timetables)

## University Health Service (UHS)

The University Health Service provides a full experienced general practitioner service and emergency medical care to all members of the University community. You can consult a doctor either by appointment or on a walk-in basis (for more urgent matters only). The UHS bills Medicare or your overseas student health care provider (Worldcare or Medibank Private) directly for the full cost of most consultations.

Email: [i.marshall@unihealth.usyd.edu.au](mailto:i.marshall@unihealth.usyd.edu.au)

Website: [www.unihealth.usyd.edu.au](http://www.unihealth.usyd.edu.au)

Phone: +61 2 9351 3484

Fax: +61 2 9351 4110

## University Health Service (Wentworth)

Level 3, Wentworth Building, G01  
The University of Sydney  
NSW 2006 Australia

Opening hours: 8.30am to 5.30pm, Monday to Friday

Phone: +61 2 9351 3484

Fax: +61 2 9351 4110

## University Health Service (Holme)

Holme Building, A09  
Entry Level, Science Road  
The University of Sydney  
NSW 2006 Australia

Opening hours: 8.30am to 5.30pm, Monday to Friday

Phone: +61 2 9351 4095

Fax: +61 2 9351 4338



# Student organisations

## Students' Representative Council (SRC)

The Students' Representative Council represents, campaigns and advocates for undergraduate students throughout the University.

SRC caseworkers advise students on a range of issues, including academic appeals, Centrelink and Austudy, tenancy, harassment and discrimination. The solicitor (from Redfern Legal Centre) provides legal assistance and court representation. These services are free and confidential. The SRC also offers financial support in the form of emergency loans of up to \$50.

In addition, the SRC runs a second-hand bookshop that specialises in the purchase and sale of coursework textbooks. Among the publications produced by the SRC are the weekly student newspaper *Honi Soit*, the *Counter-Course Handbook* and the *O-Week Handbook*.

The SRC, which recently celebrated its 80th anniversary, is one of the oldest student organisations in Australia, and is run by and for students. It's a great way to get involved in student life. Officers elected to the student council campaign on issues that directly affect students, such as course cuts and assessments, fee increases, discrimination and welfare rights. They also advocate on social justice matters both within the University and throughout the wider community.

### SRC main office

Level 1, Wentworth Building (G01), City Road  
 Phone: +61 2 9660 5222  
 Fax: +61 2 9660 4260  
 Email: [help@src.usyd.edu.au](mailto:help@src.usyd.edu.au)  
 Email (*Honi Soit* editors): [editors@src.usyd.edu.au](mailto:editors@src.usyd.edu.au)  
 Website: [www.src.usyd.edu.au](http://www.src.usyd.edu.au)

Contact the main office for details of other campuses.

### The SRC Secondhand Bookshop

Level 3, Wentworth Building (G01), City Road  
 Phone: +61 2 9660 4756  
 Fax: +61 2 9660 4260  
 Email: [books@src.usyd.edu.au](mailto:books@src.usyd.edu.au)  
 Website: [www.src.usyd.edu.au](http://www.src.usyd.edu.au)

## Sydney University Postgraduate Representative Association (SUPRA)

SUPRA is an independent association which provides advice, advocacy and support services to postgraduate students. SUPRA is both the voice and safety net of these students, and represents their interests by:

- ensuring the representation of postgraduate views within the University and wider community
- providing free, confidential assistance and advocacy for postgraduates through the employment of Student Advice and Advocacy Officers (SAAOs)
- providing free legal advice for postgraduate students, in association with the Redfern Legal Centre
- representing postgraduates on University policymaking bodies such as the Academic Board, its committees and working parties
- meeting with members of the Senate on the Senate/Student Organisations Liaison Committee
- regularly consulting with the Vice-Chancellor, Registrar and other senior University officers
- drawing postgraduates together at all levels of University life.

## SUPRA Council, committees and networks

The SUPRA Council is elected annually by and from the postgraduate student community. Council meetings are held monthly and postgraduate students are encouraged to attend. SUPRA committees and networks help to coordinate activities and run campaigns, and are a great way to get involved. All postgraduates can stand for the council or attend any SUPRA events provided they are a SUPRA subscriber (see below).

### Advice and advocacy

SUPRA employs professional student advice and advocacy officers (SAAOs) to help postgraduate students with any academic or personal problems that may affect their study, such as:

- fee payment and administrative issues
- academic appeals and exclusions
- supervision problems
- tenancy issues
- Centrelink and financial assistance concerns
- harassment and discrimination.

This is a free and confidential service for all postgraduates at the University of Sydney. To access the SAAO service, you must be a SUPRA subscriber. It's free to subscribe and you can do it online, in the office, or when you see an SAAO. To find out more about the SAAO service, email [help@supra.usyd.edu.au](mailto:help@supra.usyd.edu.au)

### Publications

SUPRA places the highest priority upon communication, being responsive to postgraduates and encouraging maximum participation in SUPRA through the following publications:

- *eGrad*, a regular email bulletin
- *The Postgraduate Survival Manual*
- *Thesis Guide*
- our weekly double-page spread in *Honi Soit*, the student newspaper
- a range of handbooks, fact sheets and brochures.

Electronic versions are available at [www.supra.usyd.edu.au](http://www.supra.usyd.edu.au)

All of SUPRA's services, activities and publications are free to SUPRA subscribers. By subscribing, you also show your support for all the work that SUPRA does on your behalf. It's free to subscribe and you can sign up online or drop into the SUPRA offices and fill out a form.

### SUPRA Office

Raglan Street Building, G10  
 Corner Raglan Street and Abercrombie Street  
 Phone: +61 2 9351 3715 (local) or  
 Phone: 1800 249 950 (toll free within Australia)  
 Fax: +61 2 9351 6400  
 Email: [admin@supra.usyd.edu.au](mailto:admin@supra.usyd.edu.au)  
 Website: [www.supra.usyd.edu.au](http://www.supra.usyd.edu.au)

## University of Sydney Union (USU)

As the largest university union in Australia, the USU is a major provider of exciting cultural, social, political, and charitable activities, as well as quality on-campus food and retail services, entertainment, events and programs that service the entire university community.

The USU offers an array of programs to its members to promote cultural life on campus, including awards, grants and prizes in leadership, literature, debating, photography, film, drama, philanthropy,



music and art. The USU Debating Team is a formidable force, currently ranked first in the world, and the USU also funds the oldest continuing theatre group in Australia, the Sydney University Dramatic Society.

The USU keeps the campus alive with big-name gigs and exhilarating events held throughout the year at its bars Manning and Hermann's. Each year the USU holds major festivals and events such as O-Week, Beachball and the Verge Arts Festival.

For more information on USU, see [www.usuonline.com](http://www.usuonline.com)

### Access Card Benefits Program

The USU offers membership to its award-winning Access Benefits Program, your gateway to benefits and discounts at more than 55 selected food, retail and entertainment partners on and off campus, as well as access to USU's programs including internships, student positions and volunteering opportunities.

For more information, see [www.accessbenefits.com.au](http://www.accessbenefits.com.au)

### Clubs and societies

The USU funds, accommodates, trains and supports more than 200 clubs and societies – groups that USU members can join and operate to meet others with shared interests. Clubs and societies organise their own activities and events with funding from the USU. Being part of a club or society is the best way to connect, socialise, network and gain valuable skills, training and experience.

There are clubs and societies focused on politics, culture, the arts, the environment, religion, volunteering, faculties, games, hobbies and passions. If there isn't a club or society that suits your interests, the USU will help you start your own.

For more information, see the clubs and societies section of the USU website [www.usuonline.com](http://www.usuonline.com)

C&S Office  
University of Sydney Union  
Level 1, Manning House, Manning Road  
Phone: +61 2 9563 6161  
Email: [clubsandsocs@usu.usyd.edu.au](mailto:clubsandsocs@usu.usyd.edu.au)

### The USU Student Leadership Program

The USU offers a range of development opportunities for its student members, ranging from board director positions, club and society executives, festival directors, debate directors, editors, volunteers, and community portfolio convenors.

The USU's programs not only entertain, but teach and prepare participants for life beyond graduation. USU programs include mentoring, personal development, and leadership training, providing the opportunity to add a different dimension to your tertiary education.

For more details, see the 'Get Involved' section of [www.usuonline.com](http://www.usuonline.com)

### Sydney Uni Sport & Fitness

Sydney Uni Sport & Fitness invites you to enjoy a healthier University experience.

Get access to three world-class, on-campus facilities, over 40 different sports clubs, more than 30 dance, recreation and sport short courses, plus get involved in popular social sporting activities through our range of maximum value membership options.

The vast array of sports clubs for men and women ranges from AFL to water polo, with competitions ranging from local social competitions to nationwide leagues, all giving you the chance to improve your performance under the guidance of some of Australia's most accomplished coaches and sportspeople.

Purpose-built venues offer tennis and squash courts, rock-climbing, fitness equipment, a martial arts room and an Olympic-size heated swimming pool.

Check out the historic and panoramic sporting ovals, rowing sheds and a multipurpose facility at Tempe, and don't forget the on-campus Grandstand sports bar and restaurant.

Sydney Uni Sport & Fitness  
University Sports & Aquatic Centre  
Corner Codrington Street and Darlington Road  
Phone: +61 2 9351 4960  
Fax: +61 2 9351 4962  
Email: [admin@sport.usyd.edu.au](mailto:admin@sport.usyd.edu.au)  
Website: [www.susf.com.au](http://www.susf.com.au)

### Facilities

Sydney Uni Sport & Fitness has three main fitness centres.

#### University Sports & Aquatic Centre

Corner Codrington Street and Darlington Road  
Darlington Campus  
Phone: +61 2 9351 4978  
Email: [nmrc@sport.usyd.edu.au](mailto:nmrc@sport.usyd.edu.au)

Facilities at the centre include:

- 50-metre heated Olympic swimming pool
- modern fitness centre
- group fitness studio
- RPM studio
- six synthetic tennis courts
- four squash courts
- multifunction sports hall
- health assessments and fitness testing
- personal training
- Sports Bistro & Mint Cafe.

#### Arena Sports Centre and the Ledge Climbing Centre

Western Avenue  
Camperdown Campus  
Phone: +61 2 9351 8111  
Email: [arenaman@sport.usyd.edu.au](mailto:arenaman@sport.usyd.edu.au)

Facilities at the Arena Sports Centre and the Ledge Climbing Centre include:

- extensive weights training room
- yoga classes
- 8-metre-tall rock climbing walls
- bouldering facilities
- personal training
- multipurpose sports hall
- two squash courts
- sports clinic
- Ralph's Café.

#### HK Ward Gymnasium

Between Ovals 1 and 2  
Camperdown Campus  
Phone: +61 2 9351 4988  
Email: [hk@sport.usyd.edu.au](mailto:hk@sport.usyd.edu.au)

Facilities at the gymnasium include:

- martial arts facility
- sports hall
- boxing ring and gymnasium
- group fitness studio
- boxercise and kickboxing classes
- ergometer training
- sports equipment hire.



# International students

The following information is for international students studying onshore on an Australian student visa.

## Completion within the expected duration

Education providers are required to ensure that international students complete their studies within the duration specified on the electronic Confirmation of Enrolment (eCoE). Extensions to a student's course duration are allowed only in limited circumstances (for example, for compassionate or compelling reasons, where an intervention strategy has been implemented or where there has been an approved leave of absence or suspension).

It is important students ensure they are on track to complete their studies within the expected duration, or that they have permission from their faculty to extend their duration.

## Satisfactory academic progress

Maintaining satisfactory course progress is a mandatory student visa condition. Education providers are required to monitor course progress, intervene where students are at risk of failing to achieve satisfactory course progress, notify students who fail to achieve satisfactory course progress, and report students who fail to achieve satisfactory course progress to the Department of Immigration and Citizenship (DIAC).

It is important that every student is aware of the progress rules for their course and participates in the intervention strategies implemented by their faculty. Exclusion from a course due to unsatisfactory progress can have serious implications for student visa holders including visa cancellation and restrictions on returning to Australia.

The University provides many avenues of support for students who are struggling academically. International students who experience any difficulties with their academic progress should consult their faculty, the international student advisers in the International Office or the counsellors in the International Student Support Unit (ISSU).

## Distance/web-based study

International students may undertake no more than 25 per cent of their total course by distance and/or online learning. Students must not enrol in exclusively distance or online study in any compulsory study period.

Students who are supported by United States Financial Aid are not permitted to undertake distance and/or online learning at any time during their course of study.

## Work permits

International students with a work permit are permitted to work for up to 20 hours per week during semester and full-time during the University's official holiday periods. Contact the international student advisers in the International Office for more information.

## Change of address

International students must notify the University of their residential address within seven days of arrival and notify any subsequent change of address within seven days. This should be done online via the University's MyUni student portal (<http://myuni.usyd.edu.au>).

## Sponsored students

Sponsored students need permission from their sponsors before transferring courses, suspending their studies or varying their study load. Students sponsored by the Australian Government (AusAID, Endeavour), or Asia Development Bank (ADB) should contact the International Office in the early stages of considering a change to their program.

## Suspension/discontinuation

The University is required to report to DIAC any international students who discontinue or suspend their studies. Students who suspend their studies for medical or compassionate reasons should contact the international student advisers in the International Office urgently.

## Health cover

The Australian Government requires that all international students and their families pay for health insurance in Australia through the Overseas Student Health Cover (OSHC) scheme. The University-preferred provider is OSHC Worldcare. The International Office will, on receipt of the student's first payment of tuition fees and the OSHC premium, pay the compulsory amount to OSHC Worldcare on their behalf.

OSHC provides free access to the University health service and public hospitals. Higher-level coverage (eg access to private hospitals coverage for spouse and family) is the student's responsibility. Alternatively, international students may arrange their own OSHC through an approved provider. You can find a list of approved OSHC providers by searching for 'OSHC' on the federal government's Department of Health and Ageing website: [www.health.gov.au](http://www.health.gov.au)

## The University of Sydney Foundation Program (USFP)

The University of Sydney offers its foundation program to international students as a preparation for undergraduate degrees at several Australian universities.

The Foundation Program is conducted by Taylors College on behalf of Study Group Australia and the University of Sydney. It allows both first and second semester entry to undergraduate courses at the University of Sydney and other Australian universities.

### The University of Sydney Foundation Program

Taylors College  
965 Bourke Street  
Waterloo NSW 2017

Phone: +61 2 8303 9700

Fax: +61 2 8303 9777

Email: [info@taylorscollege.edu.au](mailto:info@taylorscollege.edu.au)

Website: [www.usyd.edu.au/foundationprogram](http://www.usyd.edu.au/foundationprogram)



## International Office

The International Office provides advice and assistance with application, admission and enrolment procedures for international students. The International Office also includes units responsible for international marketing, government and student relations, international scholarships, including AusAID scholarships and administrative support for international financial aid programs, and compliance with government regulations related to international students.

The International Office also coordinates student exchange and study abroad programs, and other inter-institutional links. The Study Abroad and Exchange unit helps domestic and international students who wish to enrol in such programs.

### International Admissions and Customer Services

Level 4, Jane Foss Russell Building, G02  
The University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8300  
Future student enquiries: 1800 899 376 (domestic free call)  
Fax: +61 2 8627 8387  
Email: [info@io.usyd.edu.au](mailto:info@io.usyd.edu.au)  
Website: [www.usyd.edu.au/internationaloffice](http://www.usyd.edu.au/internationaloffice)

### Study Abroad

Phone: +61 2 8627 8322  
Fax: +61 2 8627 8390  
Email: [studyabroad@io.usyd.edu.au](mailto:studyabroad@io.usyd.edu.au)  
Website: [www.usyd.edu.au/studyabroad](http://www.usyd.edu.au/studyabroad)

### Student Exchange

Phone: +61 2 8627 8322  
Fax: +61 2 8627 8390  
Email: [studyabroad@io.usyd.edu.au](mailto:studyabroad@io.usyd.edu.au)  
Website: [www.usyd.edu.au/studentexchange](http://www.usyd.edu.au/studentexchange)

## International Student Support Unit

The International Student Support Unit (ISSU) provides support to international students through the provision of information, orientation programs, welfare advice and counselling.

The ISSU provides advice to international students on:

- preparations before leaving their home country
- what to expect upon arrival in Sydney
- emotional changes that can take place when moving to a different country
- academic concerns, including understanding the University system and liaising with staff members
- organising letters for family visits
- preparing to return to their home country.

The ISSU has two offices:

### Darlington Campus

Level 5, Jane Foss Russell Building, G02  
University of Sydney  
NSW 2006 Australia

Phone: +61 2 8627 8437  
Fax: +61 2 8627 8482  
Email: [info@issu.usyd.edu.au](mailto:info@issu.usyd.edu.au)  
Website: [www.usyd.edu.au/stuserv/issu](http://www.usyd.edu.au/stuserv/issu)

### Cumberland Campus

Ground Floor, A Block, C42  
75 East St, Lidcombe  
NSW 2141 Australia

Phone: +61 2 9351 9638  
Email: [ISSU.Cumberland@stuserv.usyd.edu.au](mailto:ISSU.Cumberland@stuserv.usyd.edu.au)  
Website: [www.usyd.edu.au/stuserv/issu](http://www.usyd.edu.au/stuserv/issu)

# Essential information for students

## Calendar

The annual *University of Sydney Calendar* and its online updates are the University of Sydney's central source of official information.

The *Calendar* provides general and historical information about the University of Sydney, the statutes and regulations under which it operates and the resolutions of the Senate relating to constitutions of and courses in each faculty. The statutes and regulations, as well as some resolutions of the Senate, are also available on Policy Online ([www.usyd.edu.au/policy](http://www.usyd.edu.au/policy)).

Along with the University of Sydney handbooks, the *Calendar* forms the official legal source of information relating to study at the University of Sydney.

The latest *Calendar* is available in hard copy from the Student Centre. It is also available online (at [www.usyd.edu.au/calendar](http://www.usyd.edu.au/calendar)). The PDF and Word document files can be downloaded and printed if required.

## Coursework Rule

It is very important that students are aware of the *University of Sydney (Coursework) Rule 2000*, which governs all coursework award courses in the University.

The Coursework Rule relates to:

- award course requirements
- credit points and assessment
- enrolment
- credit
- cross-institutional study and its upper limits
- progression
- discontinuation of enrolment and suspension of candidature
- unsatisfactory progress and exclusion
- exceptional circumstances
- award of degrees
- diplomas and certificates
- transitional provisions.

It should be read in conjunction with two other documents:

- The *University of Sydney (Amendment Act) Rule 1999*
- Senate resolutions and faculty resolutions relating to each award course (found in the relevant faculty handbook).

The Coursework Rule can be found in the following places:

- The *University of Sydney Calendar* (print or online version): [www.usyd.edu.au/calendar](http://www.usyd.edu.au/calendar)
- Policy Online: [www.usyd.edu.au/policy](http://www.usyd.edu.au/policy)
- Handbooks Online: [www.usyd.edu.au/handbooks/university\\_information/01\\_uni\\_coursework\\_rule](http://www.usyd.edu.au/handbooks/university_information/01_uni_coursework_rule)

## PhD Rule

The *University of Sydney (Doctor of Philosophy (PhD)) Rule 2004* deals with matters relating to the degree of Doctor of Philosophy, including admission, probation, supervision and submission of theses.

It should be read in conjunction with two other documents:

- The *University of Sydney (Amendment Act) Rule 1999*
- Senate and faculty resolutions relating to each award course (found in the relevant faculty handbook).

The PhD Rule can be found in the following locations:

- The *University of Sydney Calendar* (print or online version): [www.usyd.edu.au/calendar](http://www.usyd.edu.au/calendar)
- Policy Online: [www.usyd.edu.au/policy](http://www.usyd.edu.au/policy)
- Handbooks Online: [www.usyd.edu.au/handbooks/postgrad\\_hb/ap04\\_phd\\_rule.shtml](http://www.usyd.edu.au/handbooks/postgrad_hb/ap04_phd_rule.shtml)

## Plagiarism

The University of Sydney is opposed to and will not tolerate plagiarism. It is the responsibility of all students to:

- ensure that they do not commit or collude with another person to commit plagiarism
- report possible instances of plagiarism
- comply with the University's policy and procedure on plagiarism.

The policy and procedure on plagiarism can be found at the Policy Online website ([www.usyd.edu.au/policy](http://www.usyd.edu.au/policy)).

The Policy Online website also lists related policies and procedures, including:

- *Academic Honesty in Coursework (plagiarism) policy*
- *Code of Conduct for Responsible Research Practice and Guidelines for Dealing with Allegations of Research Misconduct.*

The University will treat all identified cases of student plagiarism seriously, in accordance with this policy and procedure, and with Chapter 8 of the *University of Sydney By-Law 1999 (as amended)*, which deals with student discipline.

## Students at Risk Policy

The Students at Risk Policy enables early detection of students who are making poor or unsatisfactory progress and are therefore at risk of exclusion from their degree.

The policy outlines procedures and processes to support students in their ongoing studies, including:

- timely intervention and the provision of advice and assistance
- regularly and effectively advising students of progress requirements
- identifying students at risk
- alerting students that they are at risk
- providing assistance to address the risk
- tracking the progress of students after they are identified as being at risk.

For more information on this policy, please see the Secretariat website ([www.usyd.edu.au/secretariat/students/riskstudents](http://www.usyd.edu.au/secretariat/students/riskstudents)).

## Grievance Procedure

The University's policy and procedures document on student grievances, appeals and applications for review is available on the Policy Online website ([www.usyd.edu.au/policy](http://www.usyd.edu.au/policy)).

The *Grievance Procedure* document is a statement of the University's processes for handling student grievances, appeals and applications for review regarding academic and non-academic matters.

Study at the University presents opportunities for interacting with other members of the University community. The University recognises and values the diversity of student experiences and expectations, and is committed to treating students, both academically and administratively, in a fair and transparent manner.





# Abbreviations

Listed below are commonly used acronyms that appear in University documents and publications. (See also the Glossary.)

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

A	
AARNet	Australian Academic Research Network
AAM	Australian Awards for University Teaching
AAUT	Annual Average Mark
ABC	Activity-based costing
ABSTUDY	Aboriginal Study Assistance Scheme
AC21	Academic Consortium 21
ACER	Australian Council for Educational Research
ALTC	Australian Learning and Teaching Council
ANZAAS	Australian and New Zealand Association for the Advancement of Science
APA	Australian Postgraduate Awards
APAC	Australian Partnership for Advanced Computing
APAI	Australian Postgraduate Awards (Industry)
APA-IT	Australian Postgraduate Awards in Information Technology
APDI	Australian Postdoctoral Fellowships Industry
APD	Australian Postdoctoral FellowshipAsia-Pacific Economic Cooperation
APEC	Asia-Pacific Economic Cooperation
APF	Australian Professorial Fellowship
APRU	Association of Pacific Rim Universities
AQF	Australian Qualifications Framework
ARC	Australian Research Council
ARTS	Automated Results Transfer System
ASDOT	Assessment Fee Subsidy for Disadvantaged Overseas Students
ATAR	Australian Tertiary Admissions Rank
ATN	Australian Technology Network
ATP	Australian Technology Park
AUQA	Australian Universities Quality Agency
AusAID	Australian Agency for International Development
AUTC	Australian Universities Teaching Committee
AWA	Australian Workplace Agreements

B	
BAA	Backing Australia's Ability
BITLab	Business Intelligence Lab

C	
CAF	Cost adjustment factor
CCE	Centre for Continuing Education
CDP	Capital Development Program
CEP	Country Education Profile
CEQ	Course Experience Questionnaire
CFO	Chief Financial Officer
CHESSN	Commonwealth Higher Education System Student Number
CIO	Chief Information Officer
CIS	Campus Infrastructure Services
COE	Confirmation of Enrolment
CPSU	Community and Public Sector Union
CR	Credit (grade)
CRC	Cooperative Research Centre
CREO	Centre for Regional Education, Orange

C	
CRICOS	Commonwealth Register of Institutions and Courses for Overseas Students
CRRRI	Centre for Rural and Regional Innovation
CSG	Cumberland Student Guild
CSIRO	Commonwealth Scientific and Industrial Research Organisation
CSP	Commonwealth Supported Place
CULT	Combined Universities Language Test
CUTSD	Committee for University Teaching and Staff Development

D	
D	Distinction (grade)
DAC	Data Audit Committee
DEEWR	Commonwealth Department of Education, Employment and Workplace Relations
DEST	Commonwealth Department of Education, Science and Training (now known as DEEWR)
DET	NSW Department of Education and Training
DIAC	Department of Immigration and Citizenship
D-IRD	Discovery-Indigenous Researchers Development Program
DOGS	Director of Graduate Studies
DVC	Deputy Vice-Chancellor

E	
EB	Enterprise bargaining
EFTSL	Equivalent full-time student load
EFTSU	Equivalent full-time student unit (replaced by EFSTL)
EIP	Evaluations and Investigations Program
ELICOS	English Language Intensive Course of Study
EMU	Electron Microscope Unit
ESOS Act	Education Services for Overseas Student Act

F	
F	Fail
FEE-HELP	Fee - Higher Education Loan Program
FlexSIS	Flexible Student Information System
FFT	Fractional full-time (equivalent staff)
FHS	Faculty of Health Sciences
FOS	Field of study
FTE	Full-time equivalent (staff)

G	
GATS	General Agreement on Trade in Services
GCCA	Graduate Careers Council of Australia
GDS	Graduate destination survey
Go8	Group of Eight
GPOF	General Purpose Operating Funds
GSA	Graduate Skills Assessment
GSG	Graduate School of Government
GWSLN	Greater Western Sydney Learning Network



## Abbreviations

<b>H</b>	
HD	High distinction
HDR	Higher degree research
HECS	Higher Education Contribution Scheme (replaced by HECS-HELP)
HECS-HELP	Higher Education Contribution Scheme - Higher Education Loan Program
HEEP	Higher Education Equity Program
HEIMS	Higher Education Information Management System
HEIP	Higher Education Innovation Program (DEEWR)
HELP	Higher Education Loan Program
HEO	Higher education officer
HEP	Higher education provider
HERDC	Higher Education Research Data Collection
HESA	Higher Education Support Act
HOA	Head of administrative unit
HOD	Head of department
HOS	Head of school

<b>I</b>	
IAF	Institutional Assessment Framework
IAS	Institute of Advanced Studies
ICT	Information and communication technology
IELTS	International English Language Testing Scheme
IGS	Institutional Grants Scheme (DEEWR)
IO	International Office
IP	Intellectual property
IPRS	International Postgraduate Research Scholarships
IREX	International Researcher Exchange Scheme
ISFP	Indigenous Support Funding Program
ISIG	Innovation Summit Implementation Group
ISSU	International Student Services Unit
ITL	Institute for Teaching and Learning

<b>J</b>	
JASON	Joint Academic Scholarships Online Network

<b>L</b>	
LBOTE	Language background other than English

<b>M</b>	
MISG	Management Information Steering Group
MNRF	Major National Research Facilities Scheme
MOU	Memorandum of understanding
MRB	Medical Rural Bonded Scholarship Scheme

<b>N</b>	
NBCOTP	National Bridging Courses for Overseas Trained Program
NCG	National Competitive Grant
NESB	Non-English-speaking background
NHMRC	National Health and Medical Research Council
NOIE	National Office for the Information Economy
NOOSR	National Office for Overseas Skill Recognition
NRSL	Non-recent school leaver
NSW VCC	New South Wales Vice-Chancellors' Conference
NTEU	National Tertiary Education Industry Union
NUS	National Union of Students

<b>O</b>	
OECD	Organisation for Economic Cooperation and Development
OLA	Open Learning Australia
OPRS	Overseas Postgraduate Research Scholarships

<b>O</b>	
OS-HELP	Overseas Student - Higher Education Loan Program

<b>P</b>	
P	Pass
PCON	Pass (Concessional)
PELS	Postgraduate Education Loans Scheme
PSO	Planning Support Office
PVC	Pro-Vice-Chancellor

<b>Q</b>	
QA	Quality assurance
QACG	Quality Advisory and Coordination Group

<b>R</b>	
R&D	Research and development
R&R	Restructuring and Rationalisation Program
RC	Responsibility Centre
REG	Research and earmarked grants
REP	Research Education Program
RFM	Relative Funding Model
RIAP	Research Institute for Asia and the Pacific
RIBG	Research Infrastructure Block Grant (DEEWR)
RIEF	Research Infrastructure Equipment and Facilities Scheme
RIMS	Research Information Management System
RISF	Restructuring Initiatives Support Fund
RMO	Risk Management Office
ROA	Record of Achievement
RQ	Research Quantum
RQF	Research Quality Framework
RQU	Recognition Quality Unit (Higher Education Division, DEEWR)
RRTMR	Research and Research Training Management Reports
RSL	Recent school leaver
RTS	Research Training Scheme (DEEWR)

<b>S</b>	
SASCA	Student Association of Sydney College of the Arts
SCA	Sydney College of the Arts
SCEQ	Sydney Course Experience Questionnaire
SCM	Sydney Conservatorium of Music
SCR	Science Capability Review
SDF	Strategic Development Fund
SEG	Senior Executive Group
SES	Socioeconomic status
SI	Scholarship Index
SLE	Student Learning Entitlement
SNA	Safety net adjustment
SPR	Student Progress Rate
SRC	Students' Representative Council
SSP	Special Studies Program
SSR	Student-staff ratio
STABEX	Study Abroad Exchange (database)
SUPRA	Sydney University Postgraduate Representative Association
SUSF	Sydney Uni Sport & Fitness

<b>T</b>	
TAFE	Technical and Further Education
TOEFL	Test of English as a foreign language
TPI	Teaching performance indicator

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<b>U</b>	
UAC	Universities Admissions Centre
UAI	Universities Admission Index (replaced by ATAR)
UMAP	University Mobility in Asia and the Pacific
UNESCO	United Nations Educational, Scientific and Cultural Organisation
UNSW	University of New South Wales
UPA	University Postgraduate Awards
USU	University of Sydney Union
UTS	University of Technology, Sydney

<b>V</b>	
VCAC	Vice-Chancellor's Advisory Committee
VET	Vocational Education and Training
VSU	Voluntary Student Unionism

<b>W</b>	
WAM	Weighted Average Mark
WRP	Workplace Reform Program
WTO	World Trade Organization

<b>Y</b>	
YFE	Year of first enrolment





# Glossary

For a table of commonly used acronyms and abbreviations that appear in University documents and publications, see Abbreviations.

This glossary describes terminology in use at the University of Sydney.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

## A

### Academic Board

The senior academic body within the University. The Academic Board has, as principal responsibility, to maintain the highest standards in teaching, scholarship and research at the University and advises Senate and the Vice-Chancellor in that regard. In conjunction with faculties, the Academic Board has responsibility for approving new or amended courses and endorsing faculty development of units of study. The Board is also responsible for the formulation and review of policies, guidelines and procedures in relation to academic matters. For further information, see the *University of Sydney (Academic Governance) Rule 2003 (as amended)*.

### Academic Consortium 21 (AC21)

An international network, of which the University is a member, which comprises educational, research and industrial organisations throughout the world with the objective of encouraging the further advancement of global cooperation to the benefit of higher education and to contribute to world and regional society.

### Academic cycle

The program of teaching sessions offered over a year. Currently the cycle runs from the enrolment period for Semester One to the completion of the processing of results at the end of Semester Two. See also 'Academic year', 'Stage'.

### Academic dishonesty

Academic dishonesty occurs when one person presents another person's ideas, findings or written work as his or her own by copying or reproducing them without due acknowledgement of the source and with intent to deceive. Academic dishonesty also covers recycling, fabrication of data, engaging another person to complete an assessment or cheating in exams. See also 'Plagiarism'.

### Academic record

The complete academic history of a student at the University. It includes, among other things: personal details; all units of study and courses taken; assessment results (marks and grades); awards and prizes obtained; infringements of progression rules; approvals for variation in course requirements and course leave; thesis and supervision details.

Access to a student's academic record is restricted to authorised University staff and is not released to a third party without the written authorisation of the student. See also 'Academic transcript'.

### Academic transcript

A printed statement setting out a student's academic record at the University. There are two forms of academic transcript: external and internal. See also 'Academic record', 'External transcript', 'Internal transcript'.

### Academic year

The current calendar year in which a student is enrolled. See also 'Academic cycle', 'Stage'.

### *Ad eundem gradum*

Long-standing full-time members of the University's academic and general staff who are not graduates of the University may be considered by Senate, upon their retirement, for admission *Ad eundem gradum* ('to the same degree') to an appropriate degree of the University.

### Admission

Governed by the University's admission policy, this is the process for identifying applicants eligible to receive an initial offer of enrolment in a course at the University. Admission to most undergraduate courses is based on performance in the HSC, with applicants ranked on the basis of their Australian Tertiary Admissions Rank (ATAR).

Other criteria such as a portfolio, interview, audition, or results in standard tests may also be taken into account for certain courses. Admission to postgraduate courses is normally on the basis of performance in a prior undergraduate degree and other criteria as specified in the relevant degree resolutions.

### *Admission basis*

The main criterion used by a faculty in assessing an application for admission to a course. The criteria used include, among other things, previous secondary, TAFE or tertiary studies, work experience, special admission, and the Australian Tertiary Admissions Rank (ATAR).

### *Admission (Deferment)*

An applicant who receives an offer of admission to a course may apply to defer enrolment in that course for one semester or one academic cycle. (Note: this policy is currently under review.)

### *Admission mode*

A classification based on how a student was admitted to a course, for example 'UAC' or 'direct'.

### *Admission period*

The period during which applications for admission to courses are considered.

### *Admission year*

The year the student expects to begin the course. See also 'Commencement date'.

### Advanced diplomas

See 'Course'.

### Advanced standing

See 'Credit'.

### Aegrotat

In exceptional circumstances involving serious illness or death of a student prior to completion of their course, the award of an aegrotat, or posthumous degree or diploma, may be conferred.

### Alumni

See 'Graduate'.

### Alumni sidneiensis

A searchable database of graduates of the University from 1857 to approximately 30 years prior to the current year.



**Annual average mark (AAM)**

The average mark over all units of study attempted in a given academic year (equivalent to the calendar year). The formula for this calculation is:

$$AAM = \frac{\sum (\text{marks} \times \text{credit point value})}{\sum (\text{credit point value})}$$

(Sums over all units of study completed in the selected period.)

The mark is the actual mark obtained by the student for the unit of study, or in the case of a failing grade with no mark – 0. Pass/fail assessed subjects and credit transfer subjects (from another institution) are excluded from these calculations. However, the marks from all attempts at a unit of study are included.

**Annual progress report**

A form used to monitor a research student's progress each year. The form provides for comments by the student, the supervisor, the head of the department and the dean (or their nominee). The completed form is attached to the student's official file.

**Annual Report**

The University's yearly financial and audit report, submitted to the NSW Parliament. It also includes a broad range of the University's activities and the strength of their performance in relation to the University's stated roles, values and goals.

**Appeals**

Students may lodge an appeal against academic or disciplinary decisions. See also 'Student Appeals Body', 'Student Disciplinary Appeals Committee'.

*Appeals against an academic decision*

A student may appeal to the Student Appeals Body against a decision by the University that affects the academic assessment or progress of a student within his or her award course, including a decision:

- (a) to exclude a student in accordance with the *University of Sydney (Coursework) Rule 2000 (as amended)*
- (b) not to readmit or re-enrol a student following exclusion in accordance with the *University of Sydney (Coursework) Rule 2000 (as amended)*
- (c) to terminate a student's candidature for a postgraduate award.

*Appeal against a disciplinary decision*

A student may appeal to the Student Disciplinary Appeals Committee against a determination being:

- (a) a finding by the Vice-Chancellor or the Student Proctorial Board that the student is guilty of misconduct
- (b) the imposition of a penalty upon the student by the Vice-Chancellor or the Student Proctorial Board
- (c) an order made by the Vice-Chancellor or the Student Proctorial Board.

**Assessment**

The process of measuring the performance of students in units of study and courses. Performance may be assessed by examinations, essays, laboratory projects, assignments, theses, treatises or dissertations. See also 'Result processing'.

*Formative assessment*

Used principally to provide students with feedback on their progress in learning. It reinforces successful learning, and is an opportunity for students to expose the limits in their knowledge and understanding.

*Summative assessment*

Summative assessment is used to certify competence, or to rank students by order of merit. It certifies the attainment of a standard, and is used as the basis for progression to the next part of a program, or to graduation.

**Associate supervisor**

A person who is appointed in addition to the supervisor of a research student to provide particular expertise or additional experience in supervision. See also 'Instrumental supervisor/teacher', 'Research supervisor', 'Supervision'.

**Association of Pacific Rim Universities (APRU)**

A consortium of leading research universities in the Pacific Rim, of which the University is a member. APRU aims to foster education, research and enterprise, thereby contributing to economic, scientific and cultural advancement in the Pacific Rim.

**Assumed knowledge**

For some units of study, a student is assumed to have passed a relevant subject in the HSC – this is called assumed knowledge. While students are generally advised against taking a unit of study for which they do not have the assumed knowledge, they are not prevented from enrolling in that unit of study. See also 'Prerequisite'.

**Attendance mode or attendance pattern**

The attendance pattern for a course is full-time, part-time or external, depending on the student attendance requirements and student load.

**Australian Qualifications Framework (AQF)**

The framework for recognition and endorsement of qualifications established by the Ministerial Council on Education, Employment, Training and Youth Affairs (MCEETYA).

**Australian Tertiary Admissions Rank (ATAR)**

A measure of overall academic achievement in the HSC that helps universities rank applicants for university selection. The ATAR is a rank of any student's performance relative to other students. It is calculated from the aggregate of scaled marks in 10 units of the HSC (two best English units plus eight other units, including only two category B units) and is presented as a number between 0.00 and 99.95 with increments of 0.05. The ATAR replaced the Universities Admissions Index (UAI) in June 2009.

**Austudy**

Provides financial help to students who are 25 years old or over who meet the required criteria, and are undertaking an approved full-time course at an approved institution. See also 'Youth allowance'.

**Automated Results Transfer System (ARTS)**

This system was developed by the Australasian Conference of Tertiary Admissions Centres (ACTAC) to allow access to a student's electronic academic record, via an admission centre or tertiary institution.

**B****Bachelor's degree**

The highest undergraduate award offered at the University. A bachelor's degree course normally requires three or four years of full-time study or the part-time equivalent. See also 'Course'.

**Board of studies**

An academic body that supervises a course or courses, and is similar to a faculty except that it is headed by a chair rather than a dean.

**Bursaries**

Financial award made to a student, based primarily on need. See also 'Scholarships'.

## C

**Cadigal program**

A program, named in recognition of the Aboriginal people of the land on which the University is located, designed to increase the successful participation of Aboriginal and Torres Strait Islander people in degree courses in all faculties at the University of Sydney.

**Calendar**

See 'University Calendar'.

**Campus**

The grounds on which the University is situated. There are 10 campuses of the University of Sydney:

- Burren Street (Institute for International Health, Institute of Transport and Logistics Studies)
- Camperdown and Darlington (formerly known as Main Campus)
- Camden (Agriculture, Food and Natural Resources; and Veterinary Science)
- Conservatorium (Sydney Conservatorium of Music)
- Cumberland (Health Sciences)
- Mallett Street (Nursing and Midwifery)
- Rozelle (Sydney College of the Arts)
- St James (Law teaching spaces)
- Surry Hills (Dentistry).

**Cancellation of enrolment**

The University may cancel a student's enrolment for non-payment of fees.

**Candidature**

A person is 'admitted to candidature' on the date on which he or she accepts the University's offer of admission to an award course, in accordance with University and government requirements as amended from time to time. There are maximum periods and in some cases minimum periods of candidature depending on the award course and whether the candidate is a full-time or part-time student.

**Census date**

The date at which a student's enrolment, load and HECS liability are finalised before this information is reported to DEEWR. See also 'Commonwealth Supported Place', 'HECS-HELP'.

**Ceremony**

See 'Graduation ceremony'.

**Chancellor**

The non-executive head of the University. An honorary position, the Chancellor presides over meetings of the University's governing body, the Senate, and important ceremonial occasions such as graduations.

**Clinical experience**

Students undertake clinical placements in a professional environment as part of their course requirements. Many require University-approved supervision. In order to undertake clinical placements a student may be required to fulfil additional requirements.

**Combined degree**

A single program with a single set of course resolutions leading to the award of two degrees (unless otherwise specified in the resolutions). See also 'Double degree'.

**Commencement date**

The date a student commences their candidature.

**Commonwealth Supported Place (CSP)**

(Previously known as a HECS Place.) A student in a Commonwealth Supported Place makes a contribution towards the cost of their education (known as the student contribution) while the Australian Government contributes the majority of the cost.

**Confirmation of Enrolment notice (COE)**

This notice is issued to each student after enrolment, showing the course and the units of study in which the student is enrolled, together with the credit point value of the units of study and the

student-contribution weights. Until all fees are paid, it is issued provisionally. A new confirmation of enrolment notice is produced every time a student's enrolment is varied.

**Conjoint ventures**

This is when two or more institutions cooperate to provide a unit or course of study to postgraduate coursework students. In these arrangements, students enrolled for a degree at one institution complete one or more units of study at the other institution to count towards the award program at their 'home' institution.

**Continuing professional education**

A process which provides a number of programs of continuing education courses for professionals as they move through their career. These programs are currently administered by the Centre for Continuing Education (CCE) and a number of departments and foundations across the University. This process supports the whole of life learning concept and involves the maintenance of a long-term relationship between the student and the University.

**Convocation**

A body that comprises: the Fellows and former Fellows of the Senate of the University of Sydney; members of the former governing bodies of the institutions with which the University has amalgamated or their predecessors; the graduates of the University of Sydney, including graduates of the institutions with which the University has amalgamated or their predecessors; professors and other full-time members of the academic staff of the University; and principals of the incorporated colleges.

**Core unit of study**

A unit of study that is compulsory for a particular course or subject area. See also 'Unit of study'.

**Corequisite**

A unit of study that must be taken in the same semester or year as a given unit of study (unless it has already been completed). These are determined by the faculty or board of studies concerned, published in the faculty handbook and shown in FlexSIS. See also 'Prerequisite', 'Waiver'.

**Cotutelle Scheme**

Agreement between the University and any overseas university for joint supervision and examination of a PhD student as part of an ongoing cooperative research collaboration. If successful, the student receives a doctorate from both universities with each testamur acknowledging the circumstances under which the award was made.

**Course**

A program of study at the University of Sydney. The main types of course are:

*Award course*

A formal course of study that will see attainment of a recognised award. Award courses are approved by Academic Board and endorsed by Senate. The University broadly classifies courses as undergraduate, postgraduate coursework or postgraduate research. See also 'Bachelor's degree', 'Course rules', 'Diploma', 'Doctorate', 'Major', 'Master's degree', 'Minor', PhD, 'Stream'.

*Non-award course*

Studies undertaken by students that do not lead to an award from the University. Non-award courses include professional development programs. See also 'Cross-institutional enrolment'.

*Coursework*

An award course not designated as a research award course. While the program of study in a coursework award course may include a component of original work, other forms of instruction and learning will normally be dominant.

**Research**

A course in which at least 66 per cent of the overall course requirements involve students undertaking supervised research over a prescribed period of time, leading to the production of a thesis or other piece of written or creative work.

**Course alias**

A unique five character alpha-numeric code which identifies a University course.

**Course code**

See 'Course alias'.

**Course leave**

Students are permitted to apply for a period away from their course without losing their place. Course leave is formally approved by the supervising faculty for a minimum of one semester. Students on leave are regarded as having an active candidature, but they are not entitled to a student card. At undergraduate level, leave is not counted towards the total length of the course. Students who are absent from study without approved leave may be discontinued and may be required to formally reapply for admission. See also 'Progression'.

**Course rules**

Rules that govern the allowable enrolment of a student in a course. Course rules may be expressed in terms of types of units of study taken, length of study, and credit points accumulated. For example, a candidate may not enrol in units of study that have a total value of more than 32 credit points per semester.

Course rules also govern the requirements for the award of the course. For example, in many cases a candidate must complete a minimum of 144 credit points. See also 'Course', 'Corequisite', 'Prerequisite'.

**Course transfer**

Applies to students transferring between courses, either within the University of Sydney or between institutions. In some circumstances a student may be eligible to transfer to a course directly, ie without reapplying for admission.

**Credit**

The recognition of previous studies successfully completed at the University of Sydney (or another university or tertiary institution recognised by the University of Sydney), as contributing to the requirements of the course to which the applicant requesting such recognition has been admitted. It may be granted as specified credit or non-specified credit.

**Specified credit**

The recognition of previously completed studies as directly equivalent to units of study.

**Non-specified credit**

A 'block credit' for a specified number of credit points at a particular level. These credit points may be in a particular subject area but are not linked to a specific unit of study. See also 'Annual average mark (AAM)', 'Waiver', 'Weighted average mark (WAM)'.

**Credit points**

The value of the contribution each unit of study provides towards meeting course completion requirements. Each unit of study normally has a six credit point value assigned to it. The total number of credit points required for completion of award courses will be specified in the Senate resolutions relevant to the award course.

**Cross-institutional enrolment**

Enrolment in units of study to count towards an award course at another university. See also 'Course (Non-award course)'.

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**D****Data Audit Committee (DAC)**

The Data Audit Committee's role is to oversee the integrity and accuracy of the course and unit of study data as strategic University data. It also advises the Academic Board on suggested policy changes related to course and unit of study data. A subcommittee of the VCAC Enrolment Working Party, it is chaired by the Registrar, with membership including the deans, the Student Centre, FlexSIS and Planning and Statistics.

**Deadlines (Enrolment variations)**

See 'Enrolment variation'.

**Deadlines (Fees)**

The University has deadlines for the payment of course and other fees. Students who do not pay fees by these deadlines may have their enrolment cancelled or they may have a barrier placed on the release of their record. See also 'Cancellation of enrolment'.

**Dean**

The head of a faculty, or the principal/director of a college, such as the Sydney Conservatorium of Music, or Sydney College of the Arts.

**Dean's Certificate**

A statement from a faculty dean certifying that all requirements, including fieldwork and practical work, have been met and that the student is eligible to graduate. Not all faculties use Dean's Certificates. In faculties that do, qualified students have 'Dean's Certificate' noted on their academic record.

**Deferment (Deferral)**

See also 'Admission (Deferment)', 'Course leave'.

**Degree**

See also 'Bachelor's degree', 'Course'.

**Delivery mode**

Indicates how students receive the instruction for a unit of study. The delivery mode must be recorded for each unit as distinct from the attendance mode of the student. For example, an internal student may take one or more units by distance mode and an external student may attend campus for one or more units.

**Distance education**

Where subject matter is delivered in a more flexible manner, such as correspondence notes, a student may only attend campus if required. See also 'Distance education', 'Extended semester', 'International student (Offshore studies)'.

**Intensive on-campus**

Core content is delivered with support learning in an intensive (one or more days) format on campus. Participation is usually compulsory. Previously this may have been called residential, block mode, or weekend workshop.

**On-campus (normal)**

Attendance of scheduled lectures, tutorials etc at a campus of the University.

**Department**

A department is the academic unit responsible for teaching and examining a unit of study. It may be called a school, a department, a centre or a unit within the University. See 'School'.

**Department of Education, Employment and Workplace Relations (DEEWR)**

The federal government department responsible for higher education.

**Department of Education, Science and Training (DEST)**

Previous name of the federal government department now known as DEEWR.

**Diploma**

The award granted following successful completion of diploma course requirements. A diploma course usually requires less study than a degree course. See also 'Course'.

**Direct admissions**

For some courses, applications may be made directly to the University. Applications are received by faculties or the International Office, and considered by the relevant department or faculty body. Decisions are recorded and letters are forwarded to applicants advising them of the outcome. See also 'Admission', 'Universities Admissions Centre'.

**Disability information**

Students may inform the University of any temporary or permanent disability which affects their life as a student. Disability information is recorded but is only available to authorised users because of its sensitive nature. Students will be informed about how it is used.

**Disciplinary action**

Undertaken as the result of academic or other misconduct, for example plagiarism, cheating, security infringement, criminal activity.

**Discipline**

A defined area of study, such as chemistry, physics or economics.

**Discipline group**

A DEEWR code used to classify units of study in terms of the subject matter being taught or being researched.

**Discontinuation (course)**

See 'Enrolment variation'.

**Discontinuation (unit of study)**

See 'Enrolment variation'.

**Dissertation**

A written exposition of a topic which may include original argument substantiated by reference to acknowledged authorities. It is a required unit of study for some postgraduate award courses in the faculties of Law, and Architecture, Design and Planning.

**Distance education**

Where a student does not attend campus on a daily basis for a given course or unit of study. See also 'Delivery mode', 'Extended semester'.

**Doctorate**

A high-level postgraduate award. A doctorate course may involve research only or a mixture of research and coursework; the candidate submits a thesis that is an original contribution to the field of study. See also 'Course', 'PhD'.

**Domestic student**

A student who is not an international student. See also 'Local student'.

**Double degree**

A double degree is a program where students are permitted by participating faculties (and/or by specific resolutions within a single award) to transfer between courses in order to complete two awards.

**Downgrade**

In some circumstances a student enrolled in a PhD may transfer to a master's by research, either on the recommendation of the University on the basis that the research they are undertaking is not at an appropriate level for a PhD, or at the student's own request for personal or academic reasons.

**E****Elective**

A unit of study within a degree, usually an option within a course. Electives allow more detailed study of a particular subject.

**Embedded courses**

Award courses in the graduate certificate, graduate diploma and master's degree by coursework sequence which allow unit of study credit points to count in more than one of the awards, for example the Graduate Certificate in Information Technology, Graduate Diploma in Information Technology, and Master of Information Technology.

**Enrolled student**

A person enrolled in an award course of the University.

**Enrolment**

Refers to a period of time in a student's candidature. This period:

- (a) commences at the time the student has complied with all government and University requirements for enrolment
- (b) unless the student re-enrols, ceases at the date on which:
  - i. the University cancels, or the student withdraws from or discontinues enrolment; or
  - ii. the next new enrolment period commences.

A student enrolls in a course by registering with the supervising faculty in the units of study or program of research to be taken in the coming year, semester or session.

*Commencing*

An enrolment is classified as commencing if a student has enrolled in a particular degree or diploma for the first time.

*Continuing*

Students already in a course at the University re-enrol each year or semester. Most continuing students are required to pre-enrol. See also 'Pre-enrolment'.

*Enrolment list*

A list of all currently enrolled students in a particular unit of study. See also 'Unit of study'.

**Enrolment variation**

Students may vary their enrolment at the start of each semester. Each faculty determines its deadlines for variations, but student-contribution liability depends on the Commonwealth census date. See also 'Commonwealth Supported Place'.

**Equivalent full-time student load (EFTSL)**

The equivalent full-time student load for a year. It represents the annual study load of a student undertaking a particular course of study on a full-time basis.

**Equivalent full-time student unit (EFTSU)**

See 'Equivalent full-time student load'

**Examination**

A set of questions or exercises evaluating on a given subject given by a department or faculty. See also 'Assessment', 'Examination period'.

**Examination period**

The time set each semester for the conduct of formal examinations.

**Examiner (Coursework)**

The person assessing a student or group of students, for example through oral or written examinations, coursework assignments, and presentations.

**Exchange student**

Either a University of Sydney student participating in a formally agreed program involving study at an overseas university, or an overseas student studying here on the same basis. The International Office provides administrative support for some exchanges.

**Exclusion**

A faculty may ask a student whose academic progress is considered to be unsatisfactory to 'show good cause' why the student should be allowed to re-enrol. If the faculty deems the student's explanation unsatisfactory, or if the student does not provide an explanation, the student may be excluded either from a unit of study or from a course or faculty.

An excluded student may apply to the faculty for permission to re-enrol. Normally, at least two years must have elapsed before such an application would be considered. University policy relating to exclusions is set out in the *Calendar*. See also 'Appeals', 'Progression'.

**Exemption**

A decision made at a sub-unit of study level to allow a student to complete a unit of study without also completing all the prescribed components of coursework and/or assessment. See also 'Credit', 'Waiver'.

**Expulsion**

The ultimate penalty of disciplinary action is to expel the student from the University. The effect of expulsion is:

- the student is not allowed to be admitted or to re-enrol in any course at the University
- the student does not receive their results
- the student is not allowed to graduate
- the student does not receive a transcript or testamur.

**Extended semester**

A distance-learning student may be allowed more time to complete a module or program if circumstances beyond the student's control, such as illness, affect the student's ability to complete the module or program in the specified time. See also 'Distance education'.

**External**

See 'Attendance mode or attendance pattern', 'Distance education'.

**External transcript**

A certified statement of a student's academic record printed on official University security paper. It includes the student's name, any credit granted, all courses the student was enrolled in, the final course result, and all units of study attempted within each course. It also acknowledges prizes the student has received. Marks can be included or omitted, as required. See also 'Academic transcript', 'Internal transcript'.

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**F****Faculty**

A formal part of the University's academic governance structure, consisting mainly of academic staff members and headed by a dean, which is responsible for all matters concerning the award courses that it supervises. Usually, a faculty office administers the faculty and student or staff enquiries related to its courses. The *University Calendar* sets out the constitution of each of the University's faculties. See also 'Board of studies', 'Supervising faculty'.

**Faculty handbook**

An annual University publication for each faculty, that provides detailed information about the faculty, its courses and resolutions.

**FEE-HELP**

An interest-free loan facility available to fee-paying postgraduate students who are undertaking coursework programs.

**Fee-paying students**

Students who pay tuition fees to the University and are not liable for student contributions to a Commonwealth Supported Place. The Commonwealth does not contribute towards the cost of the education of fee-paying students. Annual fees vary between the faculties. Students pay a per-semester fee.

**Fellows of Senate**

Members of the governing body of the University who are either elected, appointed or ex-officio.

**Flexible learning**

See 'Delivery mode', 'Distance education'.

**Flexible start date**

Full fee-paying distance students are not restricted to the same enrolment time frames as campus-based or Commonwealth-supported students.

**Flexible Student Information System (FlexSIS)**

The computer-based Flexible Student Information System at the University of Sydney. FlexSIS holds details of courses and units of study being offered by the University and the complete academic records of all students enrolled at the University.

**Formative assessment**

See also 'Assessment'.

**Full-time student**

See 'Attendance mode', 'Equivalent full-time student load'.

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**G****Grade**

The outcome for a unit of study linked with a mark range. For example, a mark in the range 85 to 100 attracts the grade 'high distinction' (HD). See also 'Mark'.

**Graduand**

A student who has completed all the requirements for an award course but has not yet graduated. See also 'Graduation', 'Potential graduand'.

**Graduate**

A person who holds an award from a recognised tertiary institution. See also 'Graduand', 'Graduation'.

**Graduate certificate/graduate diploma**

See 'Course'.

**Graduate-entry degree**

A bachelor's degree (or other undergraduate degree), that requires another undergraduate degree as a prerequisite of entry. Examples of graduate-entry degrees at the University of Sydney include the Medical Program, Graduate Law and the Bachelor of Dentistry.

**Graduation**

The formal conferring of awards either at a ceremony or in absentia. See also 'In absentia', 'Potential graduand'.

**Graduation ceremony**

A ceremony where the Chancellor confers awards upon graduands.

**Group of Eight (Go8)**

The Group of Eight represents Australia's major research-intensive universities. Its membership comprises the vice-chancellors (presidents) of the Australian National University, Monash University, the University of Adelaide, the University of Melbourne, the University of New South Wales, the University of Queensland, the University of Sydney and the University of Western Australia. The Go8 works to ensure a consistent and sustainable policy environment which maximises the wide-ranging economic, social and cultural benefits to the Australian community of higher education and ensures Australian universities are recognised as among the best in the world.

**Group work**

A formally established project to be carried out by a number of students working together, resulting in a single piece (or assorted pieces) of assessment. See also 'Legitimate cooperation'.

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**H**
**Handbook**

See 'Faculty handbook'.

**Head of department/Head of school (HOD/HOS)**

The head of the academic unit that has responsibility for the relevant unit of study, or equivalent program leader.

**Higher Education Contribution Scheme (HECS)**

See 'HECS-HELP'.

**HECS-HELP**

An eligible student in a Commonwealth Supported Place can apply for assistance in paying their student contribution. This may take the form of a HECS-HELP loan to pay for all or some of the student's contribution, or a HECS-HELP discount if all (or at least \$500) of the student's contribution is paid by the census date.

**Honorary degrees**

A degree *honoris causa* is conferred on a person whom the University wishes to honour. It derives from the Latin translation of 'for the purpose of honouring'.

**Honours**

Some degrees may be completed 'with honours'. This may involve the completion of a separate honours year or additional work in the later years of the course. Honours are awarded in a class (Class I, Class II, which may have two divisions, or Class III).

**NSW Higher School Certificate (HSC)**

The NSW Higher School Certificate (HSC), which is normally completed at the end of year 12 of secondary school. The Australian Tertiary Admissions Rank (ATAR) is computed from a student's performance in the HSC and gives a maximum rank of 99.95.

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**I**
***In absentia***

Latin for 'in the absence of'. Awards are conferred *in absentia* when graduands do not, or cannot, attend the graduation ceremony scheduled for them. Those who have graduated *in absentia* may later request that they be presented to the Chancellor at a graduation ceremony. See also 'Graduation'.

**Instrumental supervisor/teacher**

All students at the Sydney Conservatorium of Music have an instrumental teacher appointed. See also 'Associate supervisor', 'Research supervisor', 'Supervision'.

**Internal mode**

See 'Attendance mode or attendance pattern'.

**Internal transcript**

A record of a student's academic record for the University's own internal use. It includes the student's name, student identifier (SID), address, all courses in which the student was enrolled and the final course result, and all units of study attempted within each course, together with the unit of study result. See also 'Academic transcript', 'External transcript'.

**International student**

Any student who is not an Australian or New Zealand citizen or a permanent resident of Australia. An international student is required to hold a visa that allows study in Australia and may be liable for international tuition fees.

***Fee-paying***

A private international student who is liable to pay tuition fees for their studies with the University.

***Fee-paying – outgoing exchange***

An international fee-paying student undertaking short-term study at a recognised overseas institution with which the University has a student exchange agreement. Exchange study counts towards the

student's University of Sydney award, and students remain enrolled in their University of Sydney course during the period of exchange.

***International – non-award or cross-institutional***

An international fee-paying student undertaking non-award study at the University on a cross-institutional basis. They are liable to pay fees for the study they undertake at the University, but there is no compliance reporting requirement – this rests with their 'home' institution.

***International – sponsored***

A private international student who is fully sponsored for their tuition. Their sponsorship may also include overseas health cover and compulsory subscriptions.

***Offshore studies***

International offshore students undertake their program of study at one of the University's offshore campuses and do not enter Australia. Therefore they do not require a visa. They are distinct from international students who are on outbound exchange programs as they never enter Australia during their program of study.

***Short course***

An international fee-paying student undertaking a short course with the University of Sydney such as international development programs, executive training or study visits. The study undertaken by these students is non-award and generally a student visa is not required.

***Sponsored award***

An international student sponsored by the Australian Government, undertaking a program of study at the University. Currently, holders of Australian Development Scholarships funded by AusAID are the only students in this category. These students are fully sponsored for their tuition and other costs such as travel and health cover, and are paid a stipend.

***Study Abroad***

An international student who is undertaking short-term study at the University under the Study Abroad scheme. Study Abroad students must have completed at least one year of study towards a degree at a recognised institution in their home country and must be continuing towards the degree of their home institution. See also 'Local student', 'Student type'.

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**L**
**Learning entitlement**

See 'Student learning entitlement'.

**Leave**

See 'Course leave'.

**Legitimate cooperation**

Any constructive educational and intellectual practice that aims to facilitate optimal learning outcomes through student interaction. See also 'Group work'.

**Load**

The sum of the weights of all the units of study in which a student is enrolled. The weight is determined by the proportion of a full year's work represented by the unit of study in the degree or diploma for which the student is a candidate. Student load is measured in terms of Equivalent Full-Time Student Load (EFTSL). See also 'Equivalent full-time student load'.

**Local student**

Local students are defined as an Australian or New Zealand citizen or an Australian permanent resident. See also 'Commonwealth Supported Place', 'Domestic student', 'International student'.

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**M**
**Major**

A field of study, chosen by a student to represent their principal interest. This is comprised of specified units of study from later stages of the award course. Students select and transfer between majors by virtue of their selection of units of study. One or more majors may be awarded upon the graduand's assessment of study. See also 'Course', 'Minor', 'Stream'.

**Major timetable clash**

The term used when a student attempts to enrol in units of study that have so much overlap in the teaching times that it is decided they may not enrol in the units simultaneously.

**Mark**

An integer (rounded if necessary) from 0 to 100 indicating a student's performance in a unit of study. See also 'Grade'.

**Master's degree**

A postgraduate award. Master's degree courses may be offered by coursework, research only or a combination of coursework and research. Entry to the course often requires completion of an honours year at an undergraduate level. See also 'Course'.

**Mature-age student**

A student who is 21 years or older on 1 March of the year in which they commence studies, and who has not completed the high school qualifications normally needed to gain entry.

**Method of candidature**

A course is either a research course or a coursework course and so the methods of candidature are 'research' and 'coursework'. See also 'Course (Coursework)', 'Course (Research)'.

**Mid-year intake**

Admission to degree programs for Semester Two.

**Minor**

Studies undertaken to support a major. Minor studies require smaller number of credit points than a major. Students select and transfer between minors (and majors) by virtue of their selection of units of study. One or more minors may be awarded upon the graduand's assessment of study. See also 'Course', 'Major', 'Stream'.

**Mixed mode**

See 'Attendance mode or attendance pattern'.

**MPhil**

The Master of Philosophy (MPhil) is a master's by research degree offered by some (but not all) of the University's faculties. See also 'Course', 'Master's degree'.

**Mutually exclusive units of study**

See 'Prohibited combinations of units of study'.

**MyUni**

The University of Sydney's student portal system. It provides access to email, library services, student self-administration, support services, e-learning software such as Blackboard and WebCT, as well as information about the University and its courses.

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**N**
**Non-award course**

See 'Course'.

**Non-standard session**

A teaching session other than the standard Semester One and Semester Two sessions – such as Sydney Summer School or Winter School, in which units of study are delivered and assessed in an intensive mode during January or July respectively. See also 'Semester', 'Session'.

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**O**
**Orientation Week**

Orientation Week, or 'O Week', takes place in the week before lectures begin in Semester One. During O Week students can join various clubs, societies and organisations, register for courses with departments and take part in activities provided by the University of Sydney Union.

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**P**
**Part-time student**

See also 'Attendance mode or attendance pattern', 'Equivalent full-time student load'.

**Permanent home address**

The address used for all official University correspondence with a student, both inside and outside of semester time (eg during semester breaks), unless the student provides a different address for use during the semester. See also 'Semester address'.

**PhD**

The Doctor of Philosophy (PhD) and other doctorate awards are the highest awards available at the University. A PhD course is normally purely research-based; the candidate submits a thesis that is an original contribution to the field of study. See also 'Course', 'Doctorate'.

**Plagiarism**

Presenting another person's ideas, findings or work as one's own by copying or reproducing them without acknowledging the source. See also 'Academic dishonesty'.

**Policy Online**

The website which provides access to the University's current policies, procedures and guidelines.

**Postgraduate**

A term used to describe a course leading to an award such as a graduate diploma, a master's degree or a PhD, which usually requires prior completion of a relevant undergraduate degree (or diploma) course. A 'postgraduate' is a student enrolled in such a course. See also 'Course (Coursework)', 'Course (Research)'.

**Postgraduate Education Loans Scheme (PELS)**

See 'FEE-HELP'.

**Potential graduand**

A student who has been identified as being eligible to graduate on the satisfactory completion of their current studies. See also 'Graduand', 'Graduation'.

**Pre-enrolment**

Pre-enrolment – also known as provisional re-enrolment – takes place in October, when students indicate their choice of unit of study enrolment for the following year. After results are approved, pre-enrolment students are regarded as enrolled in those units of study for which they are qualified. Their status is 'enrolled' and remains so provided they pay any money owing and comply with other requirements by the due date.

Students who do not successfully pre-enrol in their units of study for the next regular session are required to attend the University on set dates during the January/February enrolment period. See also 'Enrolment'.

**Prerequisite**

A unit of study that is required to be successfully completed before another unit of study can be attempted. Prerequisites can be mandatory (compulsory) or advisory. See also 'Assumed knowledge', 'Corequisite', 'Qualifier', 'Waiver'.

**Prizes**

Awarded in recognition of outstanding performance, academic achievement or service to the community or University.



**Probationary candidature**

A student who is enrolled in a postgraduate course on probation for a period of time up to one year. The head of department/school is required to consider the candidate's progress during the period of probation and make a recommendation for normal candidature or otherwise to the faculty.

**Professional practice**

Some students undertake placement in a professional practice as part of their course requirements. This may require University-approved supervision. Professional placements are located in a wide range of professional practice environments, and may not require additional criteria to be fulfilled.

**Program**

Each degree is composed of various units of study. The way the units are put together for a degree is referred to as a student's 'program'.

**Progression**

Satisfactory progression is satisfying all course and faculty rules (normally assessed on an annual basis) to enable the completion of the chosen award within the (maximum) completion time allowed. See also 'Exclusion'.

**Prohibited combinations of units of study**

When two or more units of study contain a sufficient overlap of content, enrolment in any one such unit prohibits enrolment in any other identified unit. See also 'Unit of study'.

**Provisional re-enrolment**

See 'Pre-enrolment'.

**Q****Qualification**

An academic attainment recognised by the University.

**Qualifier**

A mandatory (compulsory) prerequisite unit of study which must have a grade of pass or better. See also 'Assumed knowledge', 'Corequisite', 'Prerequisite', 'Waiver'.

**R****Recycling**

The submission for assessment of one's own work, or of work which is substantially the same, that has previously been counted towards the satisfactory completion of another unit of study, and credited towards a university degree, and where the examiner has not been informed that the student has already received credit for that work.

**Registration**

In addition to enrolling with the faculty in units of study, students must register with the department responsible for teaching each unit. This is normally done during Orientation Week. Note that unlike enrolment, registration is not a formal record of units attempted by the student.

**Research course**

See 'Course (Research)'.

**Research supervisor**

A supervisor is appointed to each student undertaking a research postgraduate degree. The supervisor will be a full-time member of the academic staff or a person external to the University recognised for their association with the clinical teaching or the research work of the University. See also 'Associate supervisor', 'Instrumental supervisor/teacher', 'Supervision'.

**Research Training Scheme (RTS)**

The RTS provides Commonwealth-funded higher degree by research (HDR) students with an 'entitlement' to a HECS exemption for the duration of an accredited HDR course, up to a maximum period of four years full-time equivalent study for a doctorate by research and two years full-time equivalent study for a master's by research.

**Result**

The official statement of a student's performance in each unit of study attempted as recorded on the academic transcript, usually expressed as a mark and grade. See also 'Grade', 'Mark'.

**Result processing**

Refers to the processing of assessment results for units of study. For each unit of study, departments/schools tabulate results for all assessment activities and assign preliminary results. See also 'Assessment', 'Examination period', 'Formative assessment'.

**Result processing schedule**

The result processing schedule will be determined for each academic cycle. All schools and faculties are expected to comply with this schedule. See also 'Assessment', 'Examination period'.

**S****Scholarships**

Financial or other form of support made available to enable students to further their studies. See also 'Bursaries'.

**School**

A school or academic unit that encourages and facilitates teaching, scholarship and research, and coordinates the teaching and examining duties of members of staff in their subjects or courses of study.

**Semester**

A half-yearly teaching session, the dates for which are determined by the Academic Board. Normally all undergraduate sessions will conform to the semesters approved by the Academic Board. Any offering of an undergraduate unit not conforming to the semester dates (non-standard session) must be given special permission by the Academic Board. See also 'Non-standard session', 'Session'.

**Semester address**

The address to which all official University correspondence is sent during semester time, if different to the permanent address.

**Senate**

The governing body of the University. See the *University Calendar* ([www.usyd.edu.au/calendar](http://www.usyd.edu.au/calendar)) for more details of its charter and powers.

**Session**

Any period of time during which a unit of study is taught. A session differs from a semester in that it need not be a six-month teaching period, but it cannot be longer than six months. Each session maps to either Semester One or Two for DEEWR reporting purposes. Session offerings are approved by the relevant dean, taking into account all the necessary resources, including teaching space and staffing. The Academic Board must approve variation to the normal session pattern. See also 'Non-standard session', 'Semester'.

**Session address**

See 'Semester address'.

**Short course**

A fee-paying student undertaking a short course with the University of Sydney such as professional development or executive training. The study undertaken by these students is a non-award course.

**Show cause**

See 'Exclusion', 'Progression'.

**Special consideration**

Candidates who suffer serious illness or misadventure which may affect performance in any assessment may request that they be given special consideration in relation to the determination of their results.

**Special Studies Program (SSP)**

A period of release from normal duties to allow academic staff to undertake a planned program of academic activity and development.

**Sponsorship**

Financial support of a student by a company or government body.

**Stage**

A normal full-time course of study taken in a year. See also 'Course rules', 'Equivalent full-time student load', 'Progression'.

**Strategic Directions**

See also 'University Strategic Directions'.

**Stream**

A defined award course, which requires the completion of set units of study as specified by the course rules for the particular stream, in addition to the core program specified by the course rules. A stream will appear with the award course name on testamurs, eg Bachelor of Engineering in Civil Engineering (Construction Management). See also 'Course', 'Major', 'Minor'.

**Student**

A person enrolled as a candidate for an award course or unit of study.

**Student Appeals Body**

Any student may appeal to the Student Appeals Body against an academic decision on the ground that due academic process has not been observed by the relevant faculty in relation to the academic decision. Refer to the *University of Sydney (Student Appeals against Academic Decisions) Rule 2006* for more details. See also 'Appeals'.

**Student Disciplinary Appeals Committee**

Any student may appeal to the Student Disciplinary Appeals Committee against a misconduct determination by the Vice-Chancellor or a Student Proctorial Board. See also 'Appeals'.

**Student identifier (SID)**

A nine-digit number that uniquely identifies a student at the University.

**Student ID Card**

All full-time or part-time students who successfully enrol at the University of Sydney will receive a Student Card. New students will have their card issued in person at the time of enrolment. Successful re-enrolling students will receive their card by mail.

The Student Card includes the student's name, student identification number (SID), a digitised photo and the library borrower's number and barcode. Where applicable, it will also display a travel concession logo from the Ministry of Transport (if student eligibility requirements are met).

The card has a number of interoperable uses, such as the ability to purchase printing and photocopying services at the University's libraries and gain access to certain secure buildings. The card identifies the student as eligible to attend classes and must be displayed at formal examinations. It must also be presented to secure student concessions and to borrow books from all sections of the University Library.

For more information about Student ID Cards please visit the Card Centre (or see the website: [www.usyd.edu.au/card\\_centre](http://www.usyd.edu.au/card_centre)).

**Student learning entitlement**

All Australian citizens, New Zealand citizens and holders of a permanent visa are allocated a Student Learning Entitlement (SLE) of up to seven years equivalent full-time study. This is measured in equivalent full-time student load (EFTSL), which is the proportion of a full-time load that a unit of study represents. The University sets an EFTSL value for each unit of study it offers. To be Commonwealth-supported for a unit, a student must have enough SLE to cover the EFTSL value of that unit.

**Student progress rate (SPR)**

A calculation that measures the rate at which the load undertaken is passed annually in each award program.

**Student type**

Student type identifies whether a student is local or international and the type of study the student is undertaking. See also 'Domestic student', 'Exchange student', 'International student'.

**Study Abroad program**

A scheme administered by the International Office that allows international students who are not part of an exchange program to take units of study at the University of Sydney, but not towards an award program. In most cases the units of study taken here are credited towards an award at the student's home institution. See also 'Exchange student'.

**Subject area**

A unit of study may be associated with one or more subject areas. The subject area can be used to define prerequisite and course rules, for example the unit of study 'History of Momoyama and Edo Art' may count towards the requirements for the subject areas 'Art History and Theory' and 'Asian Studies'.

**Summative assessment**

See 'Assessment'.

**Summer School**

See 'Sydney Summer School'.

**Supervising faculty**

The faculty which has the responsibility for managing the academic administration of a particular course, such as the interpretation and administration of course rules, approving students' enrolments and variations to enrolments.

Normally the supervising faculty is the faculty offering the course. However, in the case of combined courses, one of the two faculties involved will usually be designated the supervising faculty. In the case where one course is jointly offered by two or more faculties (eg the Liberal Studies course), a joint committee may make academic decisions about candidature and the student may be assigned a supervising faculty for administration.

**Supervision**

Refers to a one-to-one relationship between a student and a nominated member of the academic staff or a person specifically appointed to the role. See also 'Associate supervisor', 'Instrumental supervisor/teacher', 'Research supervisor'.

**Suspension of candidature**

See also 'Course leave'.

**Suppression of results**

Results for a particular student can be suppressed by the University when the student has an outstanding debt to the University (this particularly applies to international students who have not paid their tuition fees), or when the student is facing disciplinary action. A student may also request a suppression for personal reasons.

**Sydney Summer School**

A program of accelerated, intensive study running for approximately six weeks during January and February each year. Both undergraduate and postgraduate units are offered. Sydney Summer School provides an opportunity for students at Sydney and other universities to catch up on required units of study, to accelerate completion of a course or to undertake a unit that is outside their award course. All units attract full fees, but some scholarships are available.

**Sydney Winter School**

An intensive session offered by the University in July during the mid-year break. See 'Sydney Summer School'.

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**T**
**Teaching department**

See 'School'.

**Teaching end date**

Official finish date of formal timetabled classes.

**Teaching start date**

Official commencement date of formal timetabled classes.

**Terminated**

Term used when a student's candidature has been officially closed because they are not able to complete the course requirements. See also 'Candidature'.

**Testamur**

A certificate of award provided to a graduand, usually at a graduation ceremony. The University award conferred is displayed along with other appropriate details.

**Thesis**

A major work that is the product of an extended period of supervised independent research. See also 'Course (Research)'.

**Timetable**

The schedule of lectures, tutorials, laboratories and other academic activities that a student must attend.

**Transcript**

See 'Academic transcript'.

**Transfer**

See 'Course transfer'.

**Tuition fees**

Tuition fees may be charged to students in designated tuition fee-paying courses. Students who pay fees are not liable for HECS.

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**U**
**Universities Admissions Centre (UAC)**

The UAC receives and processes applications for admission to undergraduate courses at recognised universities in NSW and the ACT. Most local undergraduate students at the University of Sydney apply through the UAC.

**Universities Admission Index (UAI)**

A measure of overall academic achievement in the HSC that helps universities rank applicants for university selection. The UAI is a rank of any student's performance relative to other students. It is calculated from the aggregate of scaled marks in 10 units of the HSC (two best English units plus eight other units, including only two category B units) and is presented as a number between 0.00 and 99.95 with increments of 0.05.

In June 2009 the UAI was replaced by the Australian Tertiary Admissions Rank (ATAR). See 'Australian Tertiary Admissions Rank'.

**Under examination**

Indicates that a research student has submitted their written work (thesis) for assessment, and is awaiting the finalisation of the examiners' outcome and recommendation.

**Undergraduate**

A term used to describe both a course leading to a diploma or bachelor's degree and a student enrolled in such a course.

**Unit of study**

Unit of study or unit means a stand-alone component of an award course. Each unit of study is the responsibility of a department. See also 'Prohibited combinations of unit of study'.

**Unit of study enrolment status**

This indicates whether the student is still actively attending the unit of study (currently enrolled) or is no longer enrolled. See also 'Cancellation of enrolment', 'Discontinuation'.

**Unit of study level**

Units of study are divided into junior, intermediate, senior, honours, Year 5, and Year 6. Most majors consist of 32 senior credit points in a subject area (either 3000 level units of study or a mix of 2000 and 3000 level units of study).

**University**

Unless otherwise indicated, the term 'University' in this document refers to the University of Sydney.

**University Calendar**

The annual University publication available in print and online that provides general and historical information about the University of Sydney, the statutes and regulations under which it operates and the Senate resolutions relating to constitutions and courses in each faculty.

**University Medal**

A faculty may recommend the award of a University Medal to a student qualified for the award of an undergraduate honours degree whose academic performance is judged to be outstanding.

**University Strategic Directions**

This refers to the University of Sydney *Strategic Plan 2007–2010*. A new plan is currently in development.

**Upgrade**

Where a student enrolled in a master's by research course is undertaking research at such a standard that either the University recommends that the student upgrade their degree to a PhD, or the student seeks to upgrade to a PhD and this is supported by the University.

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**V**
**Variation of enrolment**

See 'Enrolment variation'.

**Vice-Chancellor and Principal**

The chief executive officer of the University, responsible for its leadership and management. The Vice-Chancellor and Principal is head of both academic and administrative divisions.

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**W**
**Waiver**

In a prescribed course, a faculty may waive the prerequisite or corequisite requirement for a unit of study or the course rules for a particular student. Unlike credit, waivers do not involve a reduction in the number of credit points required for a course. See also 'Credit', 'Exemption'.

**WAM weight**

A weight assigned to each unit of study to assist in the calculation of WAMs.

**Weighted average mark (WAM)**

This mark uses the unit of study credit point value in conjunction with an agreed 'weight'. The formula for this calculation is:

$$WAM = \frac{\sum (W_c \times M_c)}{\sum (W_c)}$$

(Sums over all units of study completed in the selected period.)

The mark is the actual mark obtained by the student for the unit of study, or in the case of a failing grade with no mark – 0. Pass/Fail assessed subjects and credit transfer subjects (from another institution) are excluded from these calculations. However, the marks from all attempts at a unit of study are included. (Effective from 1 January 2004.)

In addition, faculties may adopt other average mark formulae for specific progression or entry requirements. If such a formula is not specified in the faculty resolutions, the formula outlined above is used. See also 'WAM weight'.

**Winter School**

See 'Sydney Winter School'.

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**Y**

**Year of first enrolment (YFE)**

The year in which a student first enrolls at the University. See also 'Commencement date'.

**Youth allowance**

Youth allowance is payable to a full-time student or trainee aged 16 to 24 years of age who is enrolled at an approved institution such as a school, college, TAFE or university, and who is undertaking at least 15 hours a week face-to-face contact.

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**The  
University  
of Sydney**

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Bicycle map

Precincts

Disability access

Parking layout



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Map Code: 0102\_MAIN

# Camperdown and Darlington Campuses



-  Information
  -  Post Office
  -  Eateries
  -  ATM
  -  STA Bus Stop
  -  University Bus Stop
  -  Telephone
  -  Carpark
  -  Security  
Security only: 0351 3333  
Enquiries: 0351 3487
  -  Emergency Telephone  
For further assistance phone the  
Information Centre on 0351 3100
- Campus Infrastructure Services - January 2009

# Directory

## University buildings

O6	Aeronautical Engineering Building	L4	Law School
J4	Anderson Stuart Building	F1	Mackie Building
G3	Badham Building	H3	MacLaurin Hall
H3	Bank Building	H2	Macleay Building
L2	Baxter's Lodge	G1	Margaret Telfer Building
L8	Biochemistry and Microbiology Building	J6	Madsen Building
E6	Blackburn Building	H4	Manning House
E7	Bosch Building 1A	H4	Manning Squash Courts
E7	Bosch Building 1B	D3	McMaster Annex
H3	Brennan MacCallum Building	D3	McMaster Building
E6	Bruce Williams Pavilion	O6	Mechanical Engineering Building
L6	Carlaw Building	A2	Mechanical Foundation Building
F4	Chaplaincy	K8	Merewether Building
M8	Chemical Engineering Building	L4	New Law Building
J5	Chemistry Building	E1	No. 1-3 Ross Street
N8	Civil Engineering Building	M7	Old School Building
N9	Civil Engineering Workshop	F4	Old Teachers' College
K10	Clark Building	H3	Pharmacy Building
J9	Darlington Centre	H6	Physics Annex
J10	Darlington House	G5	Physics Building
K9	Darlington Road Terraces	N8	PNR Building
L10	Demountable Village	E6	Queen Elizabeth II Research Institute
K5	Eastern Avenue Auditorium & Lecture Theatre Complex	H5	RC Mills Building
L9	Economics and Business Building	F2	RD Watt Building
H2	Edgeworth David Geology Building	D4	RMC Gunn Building
G4	Education Building	M9	Raglan Street Building
H4	Education Building Annex	N7	Rose Street Building
H5	Edward Ford Building	E2	Ross Street Building
N7	Electrical Engineering Building	G2	Science Road Cottage
N7	Engineering Link Building	E1	Selle House
C3	Evelyn Williams Building	M10	Services Building
K3	Fisher Library	N6	Seymour Centre
K4	Fisher Library Stack	K10	Shepherd Centre
G2	Footbridge Theatre	O6	Shepherd Street Carpark
C3	Gatekeeper's Lodge	K9	Storie Dixon Wing
J7	Gatekeeper's Lodge (City Road)	L4	Sydney Law School
M8	Gordon Yu-Hoi Chui Building	K5	Teaching Building
J2	Great Hall	F5	The Arena Sports Centre
G3	Griffith Taylor Building	J3	The Quadrangle
D4	HK Ward Gymnasium	J5	Transient Building
F2	Heydon-Laurence Building	L10	University Computing Centre
G2	Holme Building	M9	University Sports & Aquatic Centre
N5	Information Technologies	D3	Veterinary Science Conference Centre
K8	Institute Building	E6	Victor Coppleston Building
N5	International House	F3	Wallace Theatre
J10	IXL Building	K7	Wentworth Building
D3	JD Stewart Building	E7	Western Avenue Carpark
F2	JRA McMillan Building	M6	WH Mase Building
L7	Jane Foss Russell Building	M6	Wilkinson Building
F3	John Woolley Building		

## Childcare centres

K11	Boundary Lane
F9	Carlton Avenue
N9	KU Union
H1	Laurel Tree House

## Colleges & residential accommodation

J10	Darlington House
K9	Darlington Road Terraces
N5	International House
L10	Mandelbaum House
A4	Sancta Sophia College
C8	St Andrew's College
B5	St John's College
L6	St Michael's College
B6	St Paul's College
G7	Selle House
E1	Sydney University Village
D10	Sydney University Village
F7	Wesley College
G8	Women's College

## Computer Access Centres

H3	Brennan
G4	Education
K3	Fisher
N7	Link
L6	McGrath (Carlaw)
H3	Pharmacy

## Cultural venues

H2	Macleay Museum
J3	Nidholson Museum
N6	Seymour Centre
K7	Sir Hermann Black Gallery
M6	Tin Sheds Gallery
J2	University Art Gallery

## Faculties (offices)

F2	Agriculture, Food and Natural Resources
M6	Architecture
H3	Arts
K8	Economics & Business
G4	Education and Social Work
N7	Engineering
L4	Law
H5	Medicine
H3	Pharmacy
L6	Science
D3	Veterinary Science

## Libraries

G3	Badham
H5	Burkitt-Ford
K3	Fisher
L4	Freehills Law Library
E7	Medical
H5	Schaeffer Fine Arts
L7	SciTech

## Retail

H3	Australia Post Office
J9	Darlington Centre
G2	Hoime Building
L7	Jane Foss Russell Building
H4	Manning House
F5	The Arena Sports Centre
M9	University Copy Centre
K7	University Health Service
M9	University Sports & Aquatic Centre
M9	University Co-op Bookshop
C3	Valentine Charlton Cat Centre
C3	Veterinary Hospital & Clinic
K7	Wentworth Building

## Security

M10	Emergency Services
M10	Lost Property
M10	Traffic & Parking

## Sports & recreational venues

K2	Fisher Tennis Courts
D4	HK Ward Gymnasium
H5	Lawn Tennis Courts
H4	Manning Squash Courts
F5	The Arena Sports Centre
G5	The Square
E5	University Oval No. 1
E3	University Oval No. 2
M9	University Sports & Aquatic Centre

## Unions & associations (offices)

K7	Students' Representative Council (SRC)
M9	Sydney University Postgraduate Representative Association (SUPRA)
M9	Sydney Uni Sport & Fitness
G2	University of Sydney Union

## University administration, centres & services

L7	Accommodation Service
H3	Alumni Relations Office
L7	Careers Centre
L7	Cashier
D10	Centre for Continuing Education
K7	Centre for English Teaching
H3	Chancellor
L7	Counselling Service
L7	Disability Services
L7	Equity Support Services
H2	Executive Offices
L7	Financial Assistance Office
G1	Financial Services
J3	Information Centre
L10	Information and Communications Technology Services
L7	International Office
L7	International Student Support Unit
G4	Learning Centre
L6	Mathematics Learning Centre
H2	Media Office
G1	Office of General Counsel
L7	Research Office
L7	Scholarships and Prizes Office
L7	Student Centre
L7	Student Support Services
K8	Summer School
K8	Support Sydney
M10	SydneyPeople – HR Service Centre
D9	SydneyPeople – Learning Solutions
E1	SydneyPeople – Unistaff
L7	Sydney Talent
O5	Sydnovate
F3	United States Studies Centre
G2	University of Sydney Venue Collection
C3	Veterinary Hospital & Clinic
H2	Vice-Chancellor

# Course planner

Year	Semester	Unit of study 1 & credit points		Unit of study 2 & credit points		Unit of study 3 & credit points		Unit of study 4 & credit points		Total credit points
1	1									
	2									
2	summer									
	1									
	winter									
	2									
3	summer									
	1									
	winter									
	2									
4	summer									
	1									
	winter									
	2									
5	summer									
	1									
	winter									
	2									
<b>Total credit points</b>										